

Converting Colors

XYZ(73.1937, 78.7380, 97.2548)

Have a look what the booklet for
XYZ(73.1937, 78.7380, 97.2548)
contains.

XYZ(73.2101, 78.6920, 96.9184)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.2101, 78.6920,
96.9184)**

Conversions

Conversions Part 1

Format	Color
Hex	D7E8F4
RGB	215, 232, 244
RGB Percent	84%, 91%, 96%
CMY	0.1569, 0.0902, 0.0431
CMYK	0.12, 0.05, 0.00, 0.04
HSL	205°, 57%, 90%
HSV	205°, 12%, 96%
XYZ	73.2101, 78.6920, 96.9184
YIQ	228.2850, -13.9840, 0.1280

Conversions

Conversions Part 2

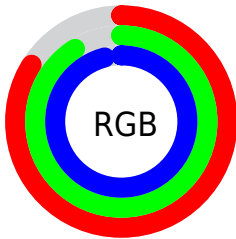
Format	Color
R _Y B	215, 226, 244
Decimal	14149876
CIE Lab	91.09, -3.28, -7.74
CIE LCh	91, 8.409, 247.024
Yxy	78.6920, 0.2942, 0.3163
Android (android.graphics.Color)	4292339956 (0xFFD7E8F4)
YUV	228.2850, 7.7475, -11.6509
Hunter-Lab	88.7085, -7.9259, -2.6813

Details

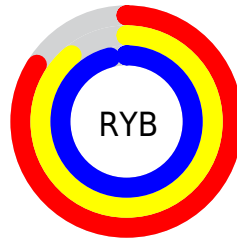
The XYZ color **73.2101, 78.6920, 96.9184** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.0434, 79.0771, 75.4942**, and the grayscale version is **73.9057, 77.7546, 84.6747**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0996, 42.1551, 53.6529** is the 20% darker color. If you saturate the color by 10%, you get **63.8130, 69.7521, 95.6893**, and if you desaturate by 10%, it is **83.8435, 88.5157, 98.2554**.

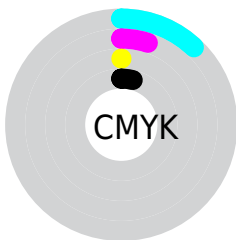
Distribution



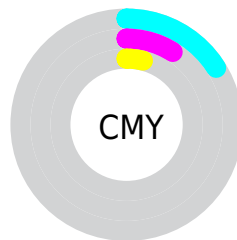
- Red (84%)
- Green (91%)
- Blue (96%)



- Red (84%)
- Yellow (89%)
- Blue (96%)



- Cyan (12%)
- Magenta (5%)
- Yellow (0%)
- Black (4%)



- Cyan (16%)
- Magenta (9%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.2101, 78.6920, 96.9184 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 73.2101, 78.6920, 96.9184 by changing the saturation by 10% instead.

■ 73.2101, 78.6920,
96.9184

■ 73.2101, 78.6920,
96.9184

460.8352,
490.5138, 571.4289

■ 54.4368, 58.6426,
73.1270

122.7770,
131.5252, 158.9306

■ 39.1830, 42.3255,
53.5874

154.3012,
165.0777, 197.9885

■ 27.0835, 29.3562,
37.8809

190.8064,
203.9002, 242.9723

■ 17.7729, 19.3505,
25.5892

232.6580,
248.3768, 294.3006

■ 10.8857, 11.9238,
16.2936

280.2213,
298.8921, 352.3918

■ 6.0568, 6.6918,
9.5755

333.8617,

■ 2.9206, 3.2701,

355.8304, 417.6646

5.0165

393.9446,
419.5762, 490.5375

■ 1.1119, 1.2743,
2.1981

■ 0.0351, 0.1212,
0.6732

■ 73.2101, 78.6920,
96.9184

■ 73.2101, 78.6920,
96.9184

■ 63.8130, 69.7521,
95.6893

■ 83.8435, 88.5157,
98.2554

■ 55.5955, 61.6564,
94.5598

■ 92.4403, 97.5336,
99.5429

■ 48.5065, 54.3766,
93.5283

■ 93.3294, 99.3117,
99.8392

■ 42.4881, 47.8786,
92.5913

■ 37.4769, 42.1253,
91.7449

■ 33.4021, 37.0757,
90.9850

■ 30.1827, 32.6835,
90.3069

■ 27.7215, 28.8938,
89.7051

■ 26.1614, 26.1959,
89.2666

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.5781, 78.6920, 92.9264



73.2101, 78.6920, 96.9184



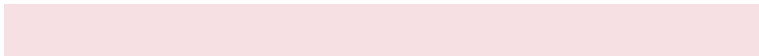
75.2953, 78.6920, 97.8341

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.2101, 78.6920, 96.9184



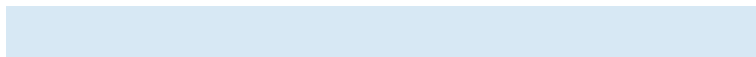
78.9251, 78.6920, 84.2587



72.3599, 78.6920, 76.6715

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



73.2101, 78.6920, 96.9184



77.0434, 79.0771, 75.4942

Split Complementary

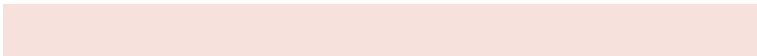
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.2957, 78.6920, 74.5807



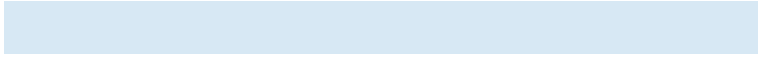
73.2101, 78.6920, 96.9184



78.1056, 78.6920, 78.8246

Square

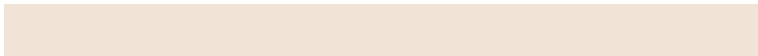
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.2101, 78.6920, 96.9184



78.6212, 78.6920, 90.3336



76.4014, 78.6920, 75.3499



71.0938, 78.6920, 81.1933

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.2101, 78.6920, 96.9184



76.6671, 78.6920, 96.5395



76.4014, 78.6920, 75.3499



72.9525, 78.6920, 75.6711

Sweetspot

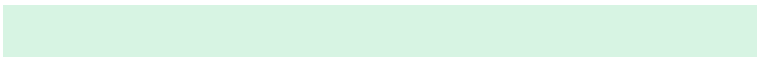
The Sweet Spot groups the original color and five complimentary colors.



73.2124, 78.6953, 96.9202



90.0651, 95.4538, 108.2852



74.1863, 84.6738, 84.8189



19.0824, 20.2519, 23.1532



0.0000, 0.0000, 0.0000



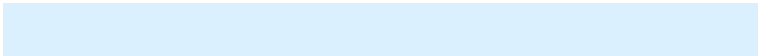
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.2124, 78.6953, 96.9202



78.5821, 84.7834, 106.8308



69.4004, 71.0712, 95.6495



16.3886, 17.5415, 21.0646



14.3629, 14.5196, 48.5836



1.3635, 1.4785, 4.3038

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



76.1760, 73.6618, 86.5510



82.4125, 78.3848, 93.4049



81.0601, 87.1105, 76.8331



16.9067, 16.6455, 19.2554



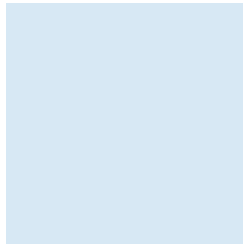
23.0543, 11.5651, 15.5259



2.0773, 1.0369, 1.6335

Previews

White Background



This preview shows how the XYZ color 73.2101, 78.6920, 96.9184 looks on a white background.

Color Contrast Check

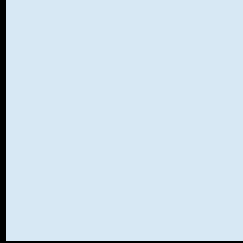
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 73.2101, 78.6920, 96.9184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

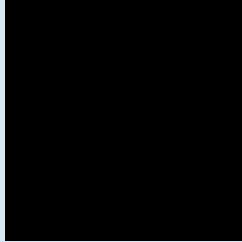
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

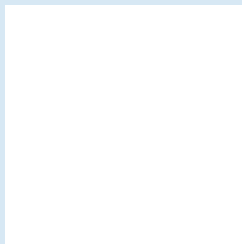
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.2101, 78.6920, 96.9184

Background



This preview shows how black text looks on a background with the XYZ color 73.2101, 78.6920, 96.9184.

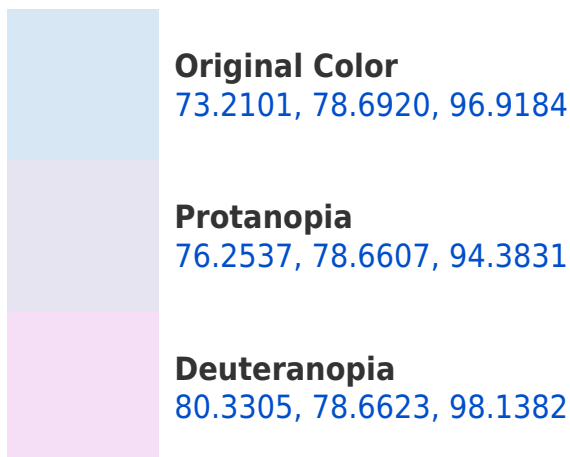


This preview shows how white text looks on a background with the XYZ color 73.2101, 78.6920,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

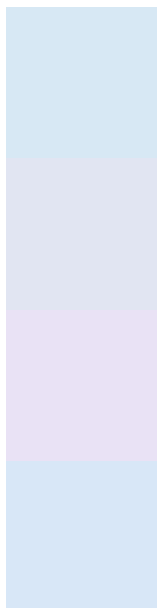




Tritanopia

73.9937, 78.5903, 100.8921

Trichromacy



Original Color

73.2101, 78.6920, 96.9184

Protanomaly

75.0977, 78.4570, 95.1900

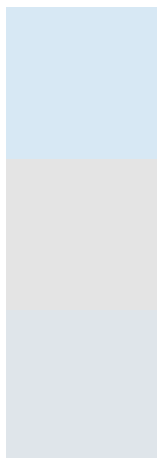
Deuteranomaly

77.2821, 78.3089, 97.4281

Tritanomaly

73.6833, 78.4662, 99.2576

Monochromacy



Original Color

73.2101, 78.6920, 96.9184

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.3020, 77.6671, 88.9697

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2101, 78.6920, 96.9184 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(215, 232, 244) looks like.

```
.text, #text, p{  
    color:rgb(215, 232, 244)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(215, 232, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 232, 244) }
```

Border

The CSS property to change the border of an element to XYZ 73.2101, 78.6920, 96.9184 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 232, 244) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(215, 232, 244) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(215, 232, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 232, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 232, 244);  
box-shadow:4px 4px 4px 4px rgb(215, 232,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2101, 78.6920, 96.9184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 232, 244) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(215,  
232, 244) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor