

Converting Colors

XYZ(70.7285, 74.8408, 94.9660)

Have a look what the booklet for
XYZ(70.7285, 74.8408, 94.9660)
contains.

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Color

**XYZ(70.6639, 74.9497,
94.7467)**

Conversions

Conversions Part 1

Format	Color
Hex	D5E2F2
RGB	213, 226, 242
RGB Percent	84%, 89%, 95%
CMY	0.1647, 0.1137, 0.0510
CMYK	0.12, 0.07, 0.00, 0.05
HSL	213°, 53%, 89%
HSV	213°, 12%, 95%
XYZ	70.6639, 74.9497, 94.7467
YIQ	223.9370, -12.8840, 2.2200

Conversions

Conversions Part 2

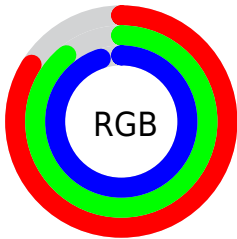
Format	Color
R _{YB}	213, 222, 242
Decimal	14017266
CIE Lab	89.37, -1.22, -9.27
CIE LCh	89, 9.349, 262.489
Yxy	74.9497, 0.2940, 0.3118
Android (android.graphics.Color)	4292207346 (0xFFD5E2F2)
YUV	223.9370, 8.9051, -9.5917
Hunter-Lab	86.5735, -5.8065, -4.2860

Details

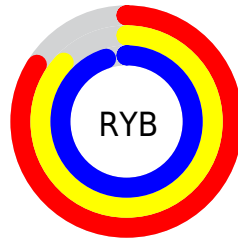
The XYZ color **70.6639, 74.9497, 94.7467** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.6477, 79.7193, 74.2996**, and the grayscale version is **70.7534, 74.4381, 81.0631**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.5264, 39.9401, 52.1857** is the 20% darker color. If you saturate the color by 10%, you get **60.6722, 64.6201, 93.2807**, and if you desaturate by 10%, it is **81.9900, 86.3907, 96.3593**.

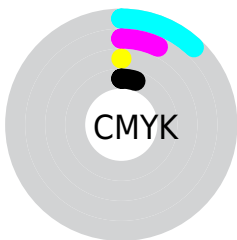
Distribution



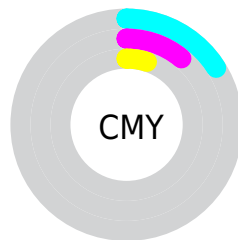
- Red (84%)
- Green (89%)
- Blue (95%)



- Red (84%)
- Yellow (87%)
- Blue (95%)



- Cyan (12%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)



- Cyan (16%)
- Magenta (11%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.6639, 74.9497, 94.7467 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 70.6639, 74.9497, 94.7467 by changing the saturation by 10% instead.

■ 70.6639, 74.9497,
94.7467

■ 70.6639, 74.9497,
94.7467

452.1078,
477.7447, 564.3174

■ 52.3495, 55.5717,
71.3284

119.1762,
126.2412, 155.9072

■ 37.5091, 39.8596,
52.1268

150.1047,
158.9234, 194.4865

■ 25.7774, 27.4291,
36.7232

185.9687,
196.8091, 238.9566

■ 16.7890, 17.8958,
24.6992

227.1335,
240.2828, 289.7360

■ 10.1785, 10.8752,
15.6361

273.9645,
289.7288, 347.2432

■ 5.5807, 5.9830,
9.1154

326.8269,

■ 2.6300, 2.8347,

345.5315, 411.8968

4.7187

386.0863,
408.0753, 484.1153

■ 0.9613, 1.0461,
2.0274

■ 0.0000, 0.0000,
0.5720

■ 70.6639, 74.9497,
94.7467

■ 70.6639, 74.9497,
94.7467

■ 60.6722, 64.6201,
93.2807

■ 81.9900, 86.3907,
96.3593

■ 51.9558, 55.3560,
91.9519

■ 92.2988, 97.7340,
98.0054

■ 44.4604, 47.1216,
90.7576

■ 93.0272, 99.1909,
98.2482

■ 38.1253, 39.8753,
89.6928

■ 32.8840, 33.5723,
88.7525

■ 28.6626, 28.1633,
87.9309

■ 25.3767, 23.5932,
87.2220

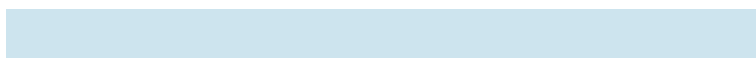
■ 22.9260, 19.7981,
86.6186

■ 21.4440, 17.2445,
86.2038

Harmonies

Analogous

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



68.5921, 74.9497, 92.0151



70.6639, 74.9497, 94.7467



72.9334, 74.9497, 93.8109

Triad

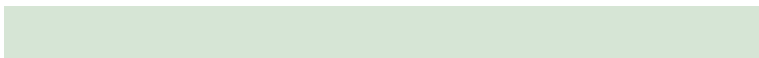
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.6639, 74.9497, 94.7467



75.3800, 74.9497, 76.8825



67.8045, 74.9497, 74.1735

Complementary

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



70.6639, 74.9497, 94.7467



76.6477, 79.7193, 74.2996

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.



69.5679, 74.9497, 70.5111



70.6639, 74.9497, 94.7467



73.9500, 74.9497, 72.0158

Square

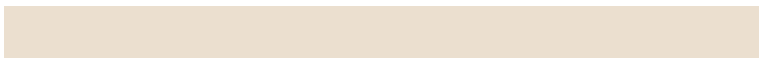
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.6639, 74.9497, 94.7467



75.6886, 74.9497, 83.2656



71.8141, 74.9497, 69.7429



66.9643, 74.9497, 79.9715

Rectangle

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



70.6639, 74.9497, 94.7467



74.2504, 74.9497, 91.2553



71.8141, 74.9497, 69.7429



68.3071, 74.9497, 72.6648

Sweetspot

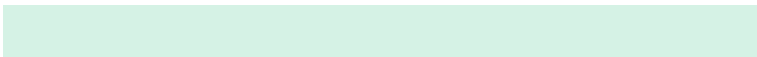
The Sweet Spot groups the original color and five complimentary colors.



70.6661, 74.9528, 94.7484



89.6277, 94.5791, 108.1394



73.3298, 83.3060, 86.3081



18.9717, 20.0305, 23.1163



0.0000, 0.0000, 0.0000



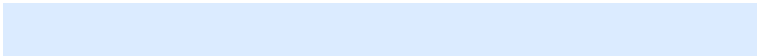
20.3446, 21.4041, 23.3091

Same Dimension

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



70.6661, 74.9528, 94.7484



77.1503, 81.9197, 106.3536



67.6856, 68.3646, 93.6338



15.4808, 16.3958, 20.0704



11.6517, 9.5277, 46.3528



1.0672, 0.9884, 3.8888

Inverse Universe

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



74.1413, 71.9582, 81.9369



81.6898, 78.0957, 89.5990



79.8857, 86.9312, 75.5210



16.0674, 15.8767, 17.9111



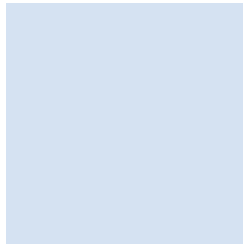
21.2069, 10.7552, 9.0060



1.8136, 0.9145, 1.0094

Previews

White Background



This preview shows how the XYZ color 70.6639, 74.9497, 94.7467 looks on a white background.

Color Contrast Check

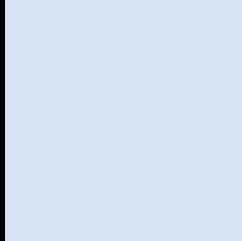
Large Text (above 18pt) WCAG AA × Fail

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 70.6639, 74.9497, 94.7467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

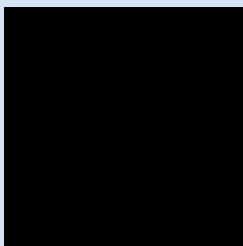
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

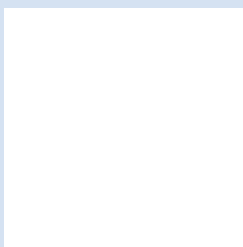
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.6639, 74.9497, 94.7467

Background



This preview shows how black text looks on a background with the XYZ color 70.6639, 74.9497, 94.7467.

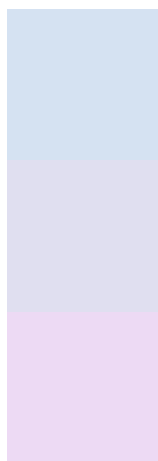


This preview shows how white text looks on a background with the XYZ color 70.6639, 74.9497,

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



Original Color

70.6639, 74.9497, 94.7467

Protanopia

72.8563, 74.9139, 93.0580

Deuteranopia

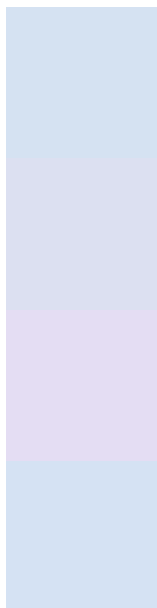
76.3256, 74.6790, 95.9796



Tritanopia

70.9661, 75.0705, 96.3377

Trichromacy



Original Color

70.6639, 74.9497, 94.7467

Protanomaly

72.0480, 74.8778, 93.8746

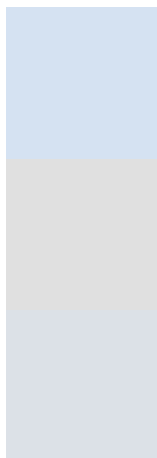
Deuteranomaly

74.0290, 74.6779, 95.3066

Tritanomaly

70.8146, 75.0099, 95.5401

Monochromacy



Original Color

70.6639, 74.9497, 94.7467

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.8642, 74.8356, 86.3111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.6639, 74.9497, 94.7467 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(213, 226, 242) looks like.

```
.text, #text, p{  
    color:rgb(213, 226, 242)  
}
```

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(213, 226, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 226, 242) }
```

Border

The CSS property to change the border of an element to XYZ 70.6639, 74.9497, 94.7467 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(213, 226, 242) }
```


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

```
.border{ border-color:rgb(213, 226, 242) }
```

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

Here you see how a box with a 4 pixel rgb(213, 226, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 226, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 226, 242);  
box-shadow:4px 4px 4px 4px rgb(213, 226,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 70.6639, 74.9497, 94.7467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 226, 242) }
```

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

```
.background{ background-color: rgb(213,  
226, 242) }
```

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](#).

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