

Converting Colors

XYZ(69.9706, 74.0942, 80.8681)

Have a look what the booklet for
XYZ(69.9706, 74.0942, 80.8681)
contains.

XYZ(69.9290, 74.0653, 81.1314)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(69.9290, 74.0653,
81.1314)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE0E0
RGB	221, 224, 224
RGB Percent	87%, 88%, 88%
CMY	0.1333, 0.1215, 0.1216
CMYK	0.01, 0.00, 0.00, 0.12
HSL	180°, 5%, 87%
HSV	180°, 1%, 88%
XYZ	69.9290, 74.0653, 81.1314
YIQ	223.1030, -1.7880, -0.6360

Conversions

Conversions Part 2

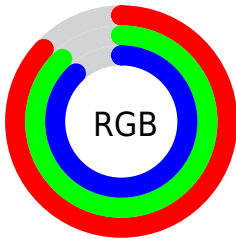
Format	Color
R _Y B	221, 223, 224
Decimal	14541024
CIE Lab	88.95, -1.00, -0.36
CIE LCh	89, 1.068, 199.892
Yxy	74.0653, 0.3106, 0.3290
Android (android.graphics.Color)	4292731104 (0xFFDDE0E0)
YUV	223.1030, 0.4422, -1.8443
Hunter-Lab	86.0612, -5.5670, 4.3491

Details

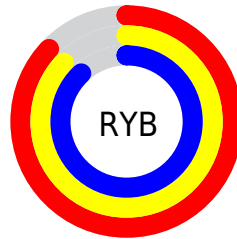
The XYZ color **69.9290, 74.0653, 81.1314** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.6508, 72.7826, 78.7877**, and the grayscale version is **70.2121, 73.8686, 80.4429**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.0753, 39.3475, 43.1769** is the 20% darker color. If you saturate the color by 10%, you get **63.5555, 70.7822, 80.8148**, and if you desaturate by 10%, it is **77.2167, 77.8239, 81.4938**.

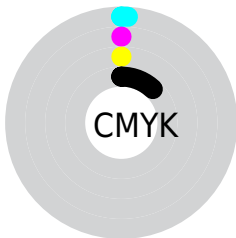
Distribution



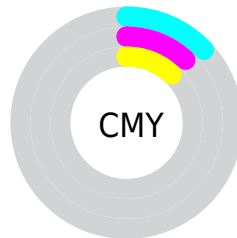
- Red (87%)
- Green (88%)
- Blue (88%)



- Red (87%)
- Yellow (87%)
- Blue (88%)



- Cyan (1%)
- Magenta (0%)
- Yellow (0%)
- Black (12%)



- Cyan (13%)
- Magenta (12%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.9290, 74.0653, 81.1314 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 69.9290, 74.0653, 81.1314 by changing the saturation by 10% instead.

■ 69.9290, 74.0653,
81.1314

■ 69.9290, 74.0653,
81.1314

449.5710,
474.6987, 518.5446

■ 51.7480, 54.8475,
60.1182

118.1343,
124.9884, 136.7810

■ 37.0277, 39.2796,
43.0880

148.8894,
157.4624, 172.2544

■ 25.4027, 26.9773,
29.6222

184.5665,
195.1240, 213.3851

■ 16.5077, 17.5562,
19.3024

225.5311,
238.3575, 260.5914

■ 9.9772, 10.6318,
11.7100

272.1485,
287.5473, 314.2920

■ 5.4460, 5.8199,
6.4264

324.7840,

■ 2.5487, 2.7358,

343.0779, 374.9053

3.0331

383.8031,
405.3335, 442.8500

■ 0.9199, 0.9954,
1.1116

■ 0.0000, 0.0000,
0.0000

■ 69.9290, 74.0653,
81.1314

■ 69.9290, 74.0653,
81.1314

■ 63.5555, 70.7822,
80.8148

■ 77.2167, 77.8239,
81.4938

■ 58.0541, 67.9465,
80.5376

■ 81.3594, 79.9591,
81.7075

■ 53.3888, 65.5419,
80.2994

■ 81.3632, 79.9606,
81.7275

■ 49.5187, 63.5473,
80.0985

■ 81.3670, 79.9622,
81.7475

46.3994, 61.9396,
79.9327

81.3708, 79.9637,
81.7675

43.9822, 60.6939,
79.7998

81.3746, 79.9652,
81.7875

42.2125, 59.7821,
79.6972

81.3784, 79.9667,
81.8075

41.0281, 59.1719,
79.6219

81.3822, 79.9682,
81.8276

40.3541, 58.8249,
79.5706

81.3860, 79.9698,
81.8476

Harmonies

Analogous

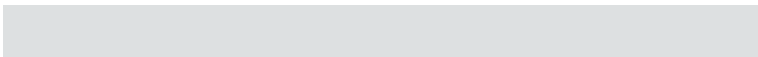
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.9071, 74.0653, 80.3942



69.9290, 74.0653, 81.1314



70.0761, 74.0653, 81.7417

Triad

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



69.9290, 74.0653, 81.1314



70.7789, 74.0653, 81.5680



70.4844, 74.0653, 79.2468

Complementary

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



69.9290, 74.0653, 81.1314



69.6508, 72.7826, 78.7877

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.



70.7186, 74.0653, 79.5572



69.9290, 74.0653, 81.1314



70.8889, 74.0653, 80.8954

Square

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



69.9290, 74.0653, 81.1314



70.5666, 74.0653, 81.9948



70.8668, 74.0653, 80.1596



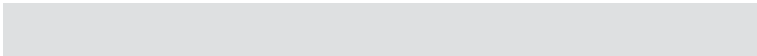
70.2273, 74.0653, 79.3091

Rectangle

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



69.9290, 74.0653, 81.1314



70.2256, 74.0653, 81.9930



70.8668, 74.0653, 80.1596



70.5684, 74.0653, 79.3109

Sweetspot

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



69.9311, 74.0685, 81.1330

95.0500, 100.0000, 108.9000



69.5429, 73.9150, 79.0094



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



69.9311, 74.0685, 81.1330



93.1975, 99.0451, 108.8079



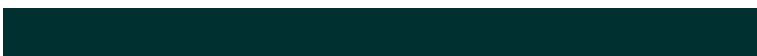
69.5431, 73.2916, 81.0062



15.1768, 16.1190, 17.6982



23.3253, 34.1550, 46.2977



1.6170, 2.3675, 3.2104

Inverse Universe

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



69.6508, 72.7826, 78.7877



92.6352, 96.4653, 104.1028



70.0353, 73.5524, 78.9134



15.0910, 15.7251, 16.9800



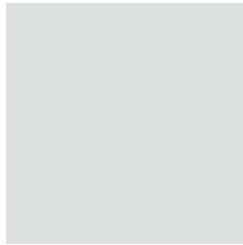
17.8944, 9.2248, 0.8437



1.2406, 0.6395, 0.0598

Previews

White Background



This preview shows how the XYZ color 69.9290, 74.0653, 81.1314 looks on a white background.

Color Contrast Check

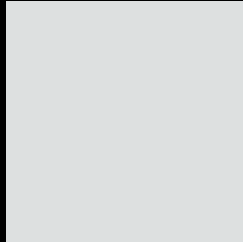
Large Text (above 18pt) WCAG AA × Fail

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 69.9290, 74.0653, 81.1314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

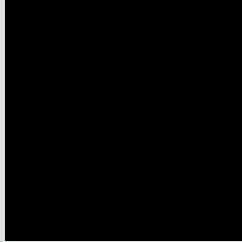
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

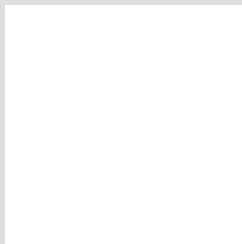
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.9290, 74.0653, 81.1314

Background



This preview shows how black text looks on a background with the XYZ color 69.9290, 74.0653, 81.1314.

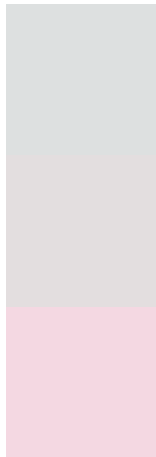


This preview shows how white text looks on a background with the XYZ color 69.9290, 74.0653,

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

69.9290, 74.0653, 81.1314

Protanopia

71.1191, 73.9012, 80.3280

Deuteranopia

75.5916, 73.8358, 82.2191



Tritanopia

72.1327, 74.1625, 92.1744

Trichromacy



Original Color

69.9290, 74.0653, 81.1314

Protanomaly

70.7583, 74.1106, 80.3875

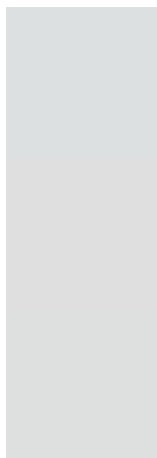
Deuteranomaly

73.5142, 73.9321, 81.6299

Tritanomaly

71.3632, 74.2455, 88.4115

Monochromacy



Original Color

69.9290, 74.0653, 81.1314

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

69.8312, 73.6327, 80.3441

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.9290, 74.0653, 81.1314 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(221, 224, 224) looks like.

```
.text, #text, p{  
    color:rgb(221, 224, 224)  
}
```

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(221, 224, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 224, 224) }
```

Border

The CSS property to change the border of an element to XYZ 69.9290, 74.0653, 81.1314 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(221, 224, 224) }
```

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

```
.border{ border-color:rgb(221, 224, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 224, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 224, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 224, 224);  
box-shadow:4px 4px 4px 4px rgb(221, 224,  
224) }
```


Background

The CSS property to change the background color of an element to XYZ 69.9290, 74.0653, 81.1314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 224, 224) }
```

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

```
.background{ background-color: rgb(221,  
224, 224) }
```

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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