

Converting Colors

XYZ(69.2594, 72.9424, 80.2410)

Have a look what the booklet for
XYZ(69.2594, 72.9424, 80.2410)
contains.

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Color

**XYZ(69.2594, 72.9424,
80.2410)**

Conversions

Conversions Part 1

Format	Color
Hex	DDDEDF
RGB	221, 222, 223
RGB Percent	87%, 87%, 87%
CMY	0.1333, 0.1294, 0.1255
CMYK	0.01, 0.00, 0.00, 0.13
HSL	210°, 3%, 87%
HSV	210°, 1%, 87%
XYZ	69.2594, 72.9424, 80.2410
YIQ	221.8150, -0.9170, 0.0990

Conversions

Conversions Part 2

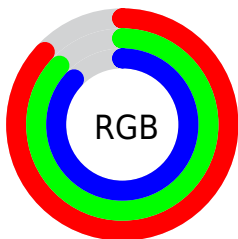
Format	Color
R _Y B	221, 222, 223
Decimal	14540511
CIE Lab	88.42, -0.15, -0.62
CIE LCh	88, 0.635, 256.167
Yxy	72.9424, 0.3114, 0.3279
Android (android.graphics.Color)	4292730591 (0xFFDDDEDF)
YUV	221.8150, 0.5842, -0.7148
Hunter-Lab	85.4063, -4.7083, 4.0802

Details

The XYZ color **69.2594, 72.9424, 80.2410** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.6041, 73.1503, 78.8587**, and the grayscale version is **69.2989, 72.9078, 79.3966**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.6125, 38.5716, 42.5612** is the 20% darker color. If you saturate the color by 10%, you get **60.0616, 63.9652, 78.9941**, and if you desaturate by 10%, it is **79.5577, 82.7798, 81.5981**.

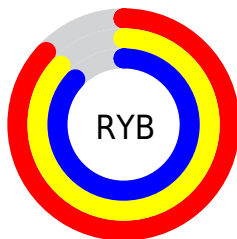
Distribution



Red (87%)

Green (87%)

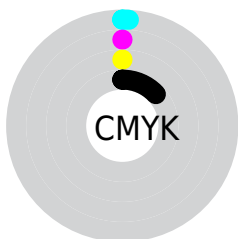
Blue (87%)



Red (87%)

Yellow (87%)

Blue (87%)

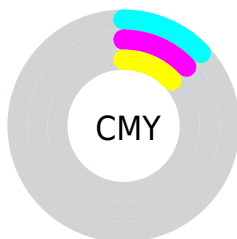


Cyan (1%)

Magenta (0%)

Yellow (0%)

Black (13%)



Cyan (13%)

Magenta (13%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.2594, 72.9424, 80.2410 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 69.2594, 72.9424, 80.2410 by changing the saturation by 10% instead.

■ 69.2594, 72.9424,
80.2410

■ 69.2594, 72.9424,
80.2410

447.2524,
470.8152, 515.4728

■ 51.2004, 53.9289,
59.3894

117.1840,
123.3954, 135.5190

■ 36.5898, 38.5448,
42.5046

147.7804,
155.6037, 170.7824

■ 25.0623, 26.4058,
29.1681

183.2866,
192.9791, 211.6868

■ 16.2524, 17.1275,
18.9613

224.0680,
235.9058, 258.6507

■ 9.7949, 10.3254,
11.4658

270.4899,
284.7684, 312.0928

■ 5.3244, 5.6152,
6.2630

322.9177,

■ 2.4755, 2.6126,

339.9513, 372.4315

2.9343

381.7167,
401.8387, 440.0853

■ 0.8829, 0.9330,
1.0612

■ 0.0000, 0.0000,
0.0000

■ 69.2594, 72.9424,
80.2410

■ 69.2594, 72.9424,
80.2410

■ 60.0616, 63.9652,
78.9941

■ 79.5577, 82.7798,
81.5981

■ 51.9191, 55.8131,
77.8497

■ 86.9785, 91.4258,
82.8759

■ 44.7924, 48.4622,
76.8065

■ 90.3195, 98.1078,
83.9895

■ 38.6375, 41.8839,
75.8612

■ 33.4063, 36.0475,
75.0103

■ 29.0468, 30.9197,
74.2503

■ 25.5009, 26.4642,
73.5772

■ 22.7028, 22.6402,
72.9866

■ 20.5746, 19.4006,
72.4735

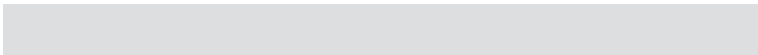
Harmonies

Analogous

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



69.1265, 72.9424, 80.0299



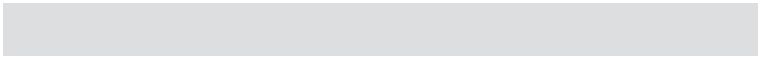
69.2594, 72.9424, 80.2410



69.4113, 72.9424, 80.2321

Triad

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



69.2594, 72.9424, 80.2410



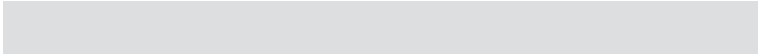
69.6119, 72.9424, 79.1880



69.1180, 72.9424, 78.8411

Complementary

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



69.2594, 72.9424, 80.2410



69.6041, 73.1503, 78.8587

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.



69.2479, 72.9424, 78.6171



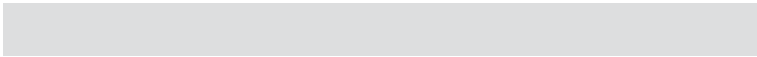
69.2594, 72.9424, 80.2410



69.5331, 72.9424, 78.8170

Square

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



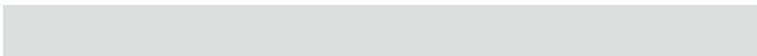
69.2594, 72.9424, 80.2410



69.6150, 72.9424, 79.6231



69.3998, 72.9424, 78.6083



69.0449, 72.9424, 79.2210

Rectangle

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



69.2594, 72.9424, 80.2410



69.5029, 72.9424, 80.1025



69.3998, 72.9424, 78.6083



69.1565, 72.9424, 78.7451

Sweetspot

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



69.2615, 72.9455, 80.2426

95.0500, 100.0000, 108.9000



69.3880, 73.4209, 79.5995



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.



69.2615, 72.9455, 80.2426



93.7141, 98.7116, 108.7217



69.0045, 72.4316, 80.1569



15.2558, 16.0681, 17.6851



11.3446, 10.1588, 42.4113



0.8759, 0.8833, 2.9696

Inverse Universe

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



69.4743, 72.6763, 79.4771



94.0380, 98.3022, 107.5569



69.8625, 73.6672, 78.9449



15.3052, 16.0057, 17.5074



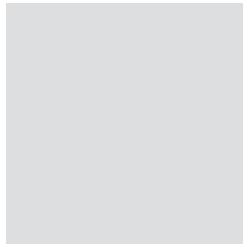
19.6664, 9.9336, 10.1752



1.4084, 0.7066, 0.9433

Previews

White Background



This preview shows how the XYZ color 69.2594, 72.9424, 80.2410 looks on a white background.

Color Contrast Check

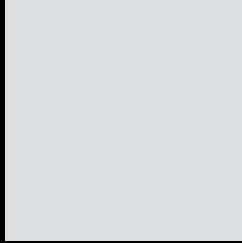
Large Text (above 18pt) WCAG AA × Fail

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 69.2594, 72.9424, 80.2410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

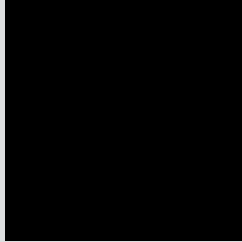
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

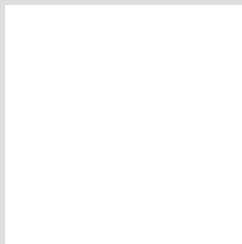
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.2594, 72.9424, 80.2410

Background



This preview shows how black text looks on a background with the XYZ color 69.2594, 72.9424, 80.2410.

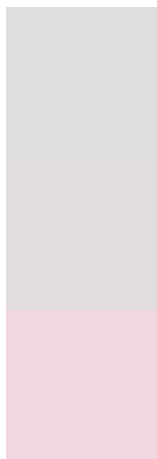


This preview shows how white text looks on a background with the XYZ color 69.2594, 72.9424,

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

69.2594, 72.9424, 80.2410

Protanopia

70.0926, 72.9944, 79.5023

Deuteranopia

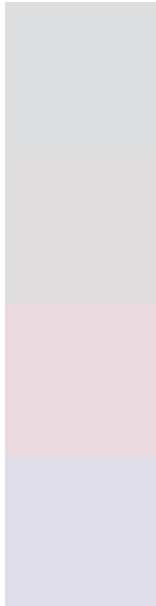
74.3729, 72.8599, 80.6645



Tritanopia

71.3107, 72.9888, 90.4505

Trichromacy



Original Color

69.2594, 72.9424, 80.2410

Protanomaly

69.7817, 72.8341, 79.4877

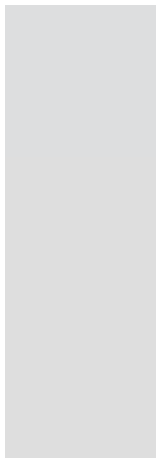
Deuteranomaly

72.4576, 73.0171, 80.7958

Tritanomaly

70.5461, 73.0687, 86.7294

Monochromacy



Original Color

69.2594, 72.9424, 80.2410

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.4303, 73.0461, 79.5472

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2594, 72.9424, 80.2410 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, 222, 223)` looks like.

```
.text, #text, p{  
    color:rgb(221, 222, 223)  
}
```

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, 222, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 222, 223) }
```

Border

The CSS property to change the border of an element to XYZ 69.2594, 72.9424, 80.2410 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, 222, 223) }
```

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

```
.border{ border-color:rgb(221, 222, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 222, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 222, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 222, 223);  
box-shadow:4px 4px 4px 4px rgb(221, 222,  
223) }
```


Background

The CSS property to change the background color of an element to XYZ 69.2594, 72.9424, 80.2410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 222, 223) }
```

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

```
.background{ background-color: rgb(221,  
222, 223) }
```

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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