

Converting Colors

XYZ(28.8409, 36.8745, 39.6941)

Have a look what the booklet for
XYZ(28.8409, 36.8745, 39.6941)
contains.

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Color

**XYZ(28.9218, 36.9134,
39.7831)**

Conversions

Conversions Part 1

Format	Color
Hex	73AFA2
RGB	115, 175, 162
RGB Percent	45%, 69%, 64%
CMY	0.5490, 0.3137, 0.3647
CMYK	0.34, 0.00, 0.07, 0.31
HSL	167°, 27%, 57%
HSV	167°, 34%, 69%
XYZ	28.9218, 36.9134, 39.7831
YIQ	155.5780, -31.5870, -16.7630

Conversions

Conversions Part 2

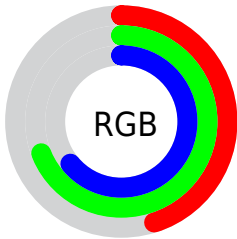
Format	Color
RYB	115, 149, 175
Decimal	7581602
CIELab	67.21, -22.37, 0.49
CIELCh	67, 22.374, 178.748
Yxy	36.9134, 0.2738, 0.3495
Android (android.graphics.Color)	4285771682 (0xFF73AFA2)
YUV	155.5780, 3.1660, -35.5869
Hunter-Lab	60.7564, -21.3525, 3.7066

Details

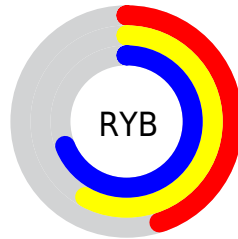
The XYZ color **28.9218, 36.9134, 39.7831** is a light color, and the websafe version is hex **669999**. A complement of this color would be **27.7075, 22.9350, 23.3901**, and the grayscale version is **31.4093, 33.0450, 35.9860**.

A 20% lighter version of the original color is **57.4625, 70.5966, 76.2436**, and **11.8239, 16.1016, 17.2366** is the 20% darker color. If you saturate the color by 10%, you get **26.5036, 35.7061, 37.9373**, and if you desaturate by 10%, it is **31.7891, 38.3530, 41.7046**.

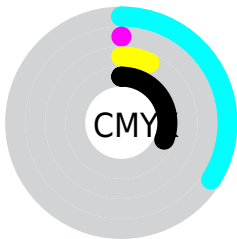
Distribution



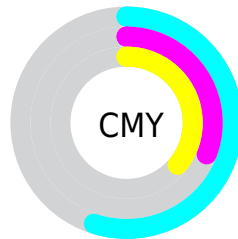
- Red (45%)
- Green (69%)
- Blue (64%)



- Red (45%)
- Yellow (58%)
- Blue (69%)



- Cyan (34%)
- Magenta (0%)
- Yellow (7%)
- Black (31%)





- Cyan (55%)
- Magenta (31%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.9218, 36.9134, 39.7831 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 28.9218, 36.9134, 39.7831 by changing the saturation by 10% instead.


 28.9218, 36.9134,
39.7831

 28.9218, 36.9134,
39.7831

288.8467,
332.9354, 360.7334


 19.1657, 25.1404,
27.0570


 57.3512, 70.4396,
76.0666

 11.8948, 16.1817,
17.3832


 76.7552, 92.9616,
100.4610

 6.7437, 9.6528,
10.3432


 100.1059,
119.8354, 129.5820

 3.3473, 5.1694,
5.5186

127.7686,
151.4454, 163.8480

 1.3400, 2.3470,
2.4906

160.1087,
188.1760, 203.6776

 0.2128, 0.7984,
0.8352

197.4915,

 0.0000, 0.0000,

230.4117, 249.4893

0.0000

240.2823,
278.5367, 301.7018

■ 28.9218, 36.9134,
39.7831

■ 28.9218, 36.9134,
39.7831

■ 26.5036, 35.7061,
37.9373

■ 31.7891, 38.3530,
41.7046

■ 24.5065, 34.7138,
36.1630

■ 35.1254, 40.0322,
43.7008

■ 22.9043, 33.9238,
34.4594

■ 38.9530, 41.9634,
45.7739

■ 21.6662, 33.3205,
32.8244

■ 43.2919, 44.1571,
47.9255

■ 20.7569, 32.8855,
31.2561

■ 48.1610, 46.6228,
50.1567

■ 20.1341, 32.5971,
29.7519

■ 53.5782, 49.3700,
52.4688

■ 19.8518, 32.4697,
28.9183

■ 59.5606, 52.4072,
54.8631

■ 66.1227, 55.7420,
57.3407

■ 66.5494, 55.9127,
59.5877

Harmonies

Analogous

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



29.7661, 36.9134, 31.2051



28.9218, 36.9134, 39.7831



29.6377, 36.9134, 49.9316

Triad

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



28.9218, 36.9134, 39.7831



38.3386, 36.9134, 59.0351



38.6028, 36.9134, 26.1651

Complementary

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



28.9218, 36.9134, 39.7831



27.7075, 22.9350, 23.3901

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.



41.1620, 36.9134, 31.8099



28.9218, 36.9134, 39.7831



41.0027, 36.9134, 50.7582

Square

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



28.9218, 36.9134, 39.7831



34.9419, 36.9134, 62.0749



42.0671, 36.9134, 40.6045



35.2287, 36.9134, 24.1719

Rectangle

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



28.9218, 36.9134, 39.7831



30.9315, 36.9134, 56.0517



42.0671, 36.9134, 40.6045



39.5948, 36.9134, 27.6481

Sweetspot

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



28.9229, 36.9149, 39.7839



65.6163, 73.0599, 79.7734



27.4789, 36.5664, 21.8301



14.3785, 16.1347, 17.6175



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



28.9229, 36.9149, 39.7839



48.5075, 64.4655, 68.7813



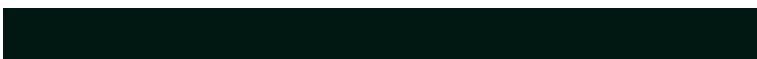
27.2074, 31.5376, 45.2125



8.1609, 9.0419, 9.8723



14.2393, 23.2610, 20.8316



0.4144, 0.6544, 0.6757

Inverse Universe

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



27.7075, 22.9350, 23.3901



46.0122, 35.6807, 35.0617



28.8912, 26.5855, 19.8291



8.0736, 8.0427, 8.6986



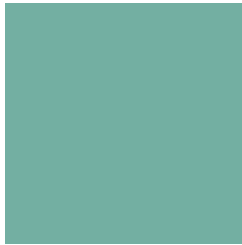
12.9296, 6.6344, 2.0089



0.3795, 0.1925, 0.1600

Previews

White Background



This preview shows how the XYZ color 28.9218, 36.9134, 39.7831 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 28.9218, 36.9134, 39.7831 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

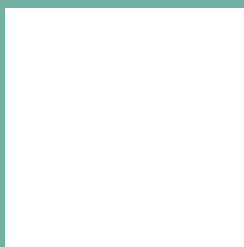
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.9218, 36.9134, 39.7831

Background



This preview shows how black text looks on a background with the XYZ color 28.9218, 36.9134, 39.7831.



This preview shows how white text looks on a background with the XYZ color 28.9218, 36.9134,

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

28.9218, 36.9134, 39.7831

Protanopia

34.9852, 36.5320, 36.2178

Deuteranopia

37.2413, 36.5540, 41.1692



Tritanopia

31.2552, 37.0009, 51.3935

Trichromacy



Original Color

28.9218, 36.9134, 39.7831

Protanomaly

32.3847, 36.4956, 37.6853

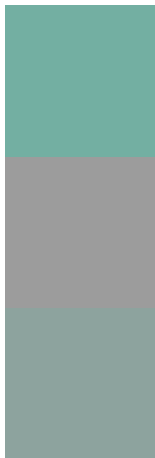
Deuteranomaly

33.3934, 36.1376, 40.8125

Tritanomaly

30.3506, 36.9130, 47.1203

Monochromacy



Original Color

28.9218, 36.9134, 39.7831

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

30.2533, 34.3257, 37.3788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9218, 36.9134, 39.7831 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(115, 175, 162)` looks like.

```
.text, #text, p{  
    color:rgb(115, 175, 162)  
}
```

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(115, 175, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 175, 162) }
```

Border

The CSS property to change the border of an element to XYZ 28.9218, 36.9134, 39.7831 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(115, 175, 162) }
```


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

```
.border{ border-color:rgb(115, 175, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 175, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 175, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 175, 162); box-shadow:4px 4px 4px 4px rgb(115, 175, 162) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9218, 36.9134, 39.7831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 175, 162) }
```

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

```
.background{ background-color: rgb(115,  
175, 162) }
```

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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