

Converting Colors

XYZ(28.1808, 34.8361, 39.4212)

Have a look what the booklet for
XYZ(28.1808, 34.8361, 39.4212)
contains.

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Color

**XYZ(28.1808, 34.8361,
39.4212)**

Conversions

Conversions Part 1

Format	Color
Hex	76A9A2
RGB	118, 169, 162
RGB Percent	46%, 66%, 64%
CMY	0.5372, 0.3372, 0.3647
CMYK	0.30, 0.00, 0.04, 0.34
HSL	172°, 23%, 56%
HSV	172°, 30%, 66%
XYZ	28.1808, 34.8361, 39.4212
YIQ	152.9530, -28.1490, -12.9890

Conversions

Conversions Part 2

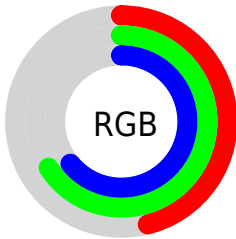
Format	Color
RYB	118, 145, 169
Decimal	7776674
CIELab	65.62, -18.41, -1.82
CIElCh	66, 18.497, 185.646
Yxy	34.8361, 0.2751, 0.3401
Android (android.graphics.Color)	4285966754 (0xFF76A9A2)
YUV	152.9530, 4.4602, -30.6538
Hunter-Lab	59.0221, -18.0618, 1.7154

Details

The XYZ color **28.1808, 34.8361, 39.4212** is a light color, and the websafe version is hex **669999**. A complement of this color would be **26.5435, 22.8736, 22.4195**, and the grayscale version is **30.2486, 31.8239, 34.6562**.

A 20% lighter version of the original color is **56.1933, 67.0917, 75.6339**, and **11.4905, 15.0417, 17.0496** is the 20% darker color. If you saturate the color by 10%, you get **25.8841, 33.6766, 38.2476**, and if you desaturate by 10%, it is **30.8945, 36.2119, 40.6357**.

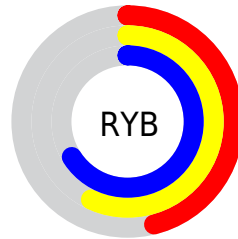
Distribution



Red (46%)

Green (66%)

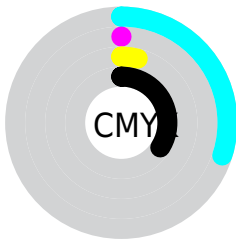
Blue (64%)



Red (46%)

Yellow (57%)

Blue (66%)

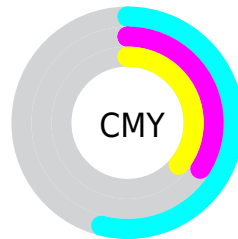


Cyan (30%)

Magenta (0%)

Yellow (4%)

Black (34%)



Cyan (54%)


Magenta (34%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.1808, 34.8361, 39.4212 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 28.1808, 34.8361, 39.4212 by changing the saturation by 10% instead.


 28.1808, 34.8361,
39.4212


 28.1808, 34.8361,
39.4212

285.3943,
323.8443, 359.1572


 18.6031, 23.5366,
26.7772


 56.1796, 67.2318,
75.5087

 11.4862, 14.9903,
17.1750


 75.3314, 89.0968,
99.7894

 6.4645, 8.8126,
10.1961


 98.4054, 115.2525,
128.7860

 3.1729, 4.6191,
5.4219

125.7668,
146.0832, 162.9171

 1.2458, 2.0256,
2.4338

157.7811,
181.9733, 202.6012

 0.1421, 0.6223,
0.8048

194.8135,

 0.0000, 0.0000,

223.3073, 248.2569

0.0000

237.2294,
270.4695, 300.3027

■ 28.1808, 34.8361,
39.4212

■ 28.1808, 34.8361,
39.4212

■ 25.8841, 33.6766,
38.2476

■ 30.8945, 36.2119,
40.6357

■ 23.9795, 32.7179,
37.1114

■ 34.0426, 37.8103,
41.8897

■ 22.4438, 31.9490,
36.0121

■ 37.6450, 39.6425,
43.1851

■ 21.2505, 31.3561,
34.9484

■ 41.7197, 41.7177,
44.5227

■ 20.3692, 30.9237,
33.9187

■ 46.2836, 44.0446,
45.9036

■ 19.7643, 30.6333,
32.9213

■ 51.3526, 46.6315,
47.3284

■ 19.3614, 30.4462,
31.9692

■ 56.9422, 49.4863,
48.7981

■ 63.0670, 52.6165,
50.3134

■ 63.9637, 53.0511,
51.6048

Harmonies

Analogous

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



28.5772, 34.8361, 32.0912



28.1808, 34.8361, 39.4212



29.0455, 34.8361, 47.3316

Triad

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



28.1808, 34.8361, 39.4212



36.2484, 34.8361, 51.4291



35.3112, 34.8361, 25.8714

Complementary

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



28.1808, 34.8361, 39.4212



26.5435, 22.8736, 22.4195

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.



37.5384, 34.8361, 29.8649



28.1808, 34.8361, 39.4212



38.0998, 34.8361, 44.4385

Square

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



28.1808, 34.8361, 39.4212



33.6271, 34.8361, 54.8462



38.5844, 34.8361, 36.4780



32.5995, 34.8361, 24.9086

Rectangle

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



28.1808, 34.8361, 39.4212



30.2502, 34.8361, 51.6665



38.5844, 34.8361, 36.4780



36.1460, 34.8361, 26.8744

Sweetspot

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



28.1818, 34.8375, 39.4220



61.5839, 68.0274, 75.2514



26.0117, 34.0944, 22.3502



13.2374, 14.7329, 16.3318



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



28.1818, 34.8375, 39.4220



47.7265, 61.0026, 69.2317



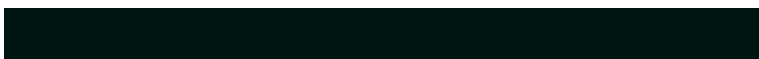
25.7245, 28.8989, 41.7599



7.7026, 8.5141, 9.4200



14.4439, 22.6963, 23.9021



0.3632, 0.5569, 0.6436

Inverse Universe

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



26.5435, 22.8736, 22.4195



44.3348, 36.2064, 34.0113



28.4164, 27.3103, 20.9140



7.5715, 7.5585, 8.0608



12.3237, 6.3382, 1.2500



0.3120, 0.1591, 0.0947

Previews

White Background



This preview shows how the XYZ color 28.1808, 34.8361, 39.4212 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 28.1808, 34.8361, 39.4212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

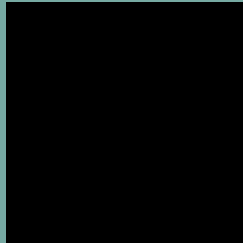
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.1808, 34.8361, 39.4212

Background



This preview shows how black text looks on a background with the XYZ color 28.1808, 34.8361, 39.4212.



This preview shows how white text looks on a background with the XYZ color 28.1808, 34.8361,

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

28.1808, 34.8361, 39.4212

Protanopia

33.1279, 34.5354, 36.3725

Deuteranopia

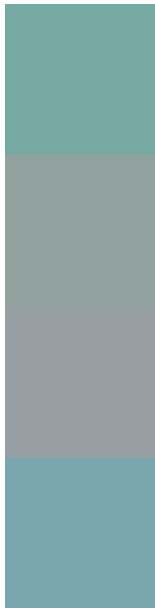
35.1417, 34.4857, 40.4016



Tritanopia

29.9005, 34.7053, 48.3029

Trichromacy



Original Color

28.1808, 34.8361, 39.4212

Protanomaly

30.9459, 34.4203, 37.3605

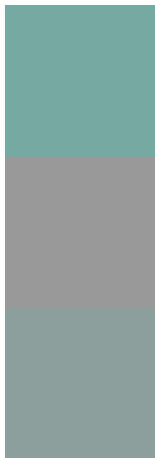
Deuteranomaly

32.0479, 34.1520, 40.0249

Tritanomaly

29.2467, 34.7195, 44.6952

Monochromacy



Original Color

28.1808, 34.8361, 39.4212

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.2141, 32.7720, 36.2384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1808, 34.8361, 39.4212 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(118, 169, 162)` looks like.

```
.text, #text, p{  
    color:rgb(118, 169, 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(118, 169, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 169, 162) }
```

Border

The CSS property to change the border of an element to XYZ 28.1808, 34.8361, 39.4212 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(118, 169, 162) }
```


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

```
.border{ border-color:rgb(118, 169, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 169, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 169, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 169, 162);  
box-shadow:4px 4px 4px 4px rgb(118, 169,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1808, 34.8361, 39.4212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 169, 162) }
```

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

```
.background{ background-color: rgb(118,  
169, 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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