

Converting Colors

XYZ(21.6715, 28.7970, 34.2504)

Have a look what the booklet for
XYZ(21.6715, 28.7970, 34.2504)
contains.

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Color

**XYZ(21.7218, 28.9481,
34.1484)**

Conversions

Conversions Part 1

Format	Color
Hex	549F98
RGB	84, 159, 152
RGB Percent	33%, 62%, 60%
CMY	0.6706, 0.3765, 0.4039
CMYK	0.47, 0.00, 0.04, 0.38
HSL	174°, 31%, 48%
HSV	174°, 47%, 62%
XYZ	21.7218, 28.9481, 34.1484
YIQ	135.7770, -42.4530, -18.0770

Conversions

Conversions Part 2

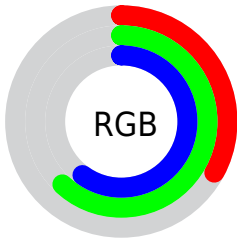
Format	Color
R_{YB}	84, 123, 159
Decimal	5545880
CIE _{Lab}	60.74, -25.06, -3.58
CIE _{LCh}	61, 25.317, 188.130
Yxy	28.9481, 0.2561, 0.3413
Android (android.graphics.Color)	4283735960 (0xFF549F98)
YUV	135.7770, 7.9979, -45.4084
Hunter-Lab	53.8034, -22.0911, 0.0318

Details

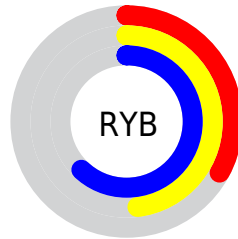
The XYZ color **21.7218, 28.9481, 34.1484** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **19.3577, 14.4678, 11.6709**, and the grayscale version is **23.3015, 24.5150, 26.6968**.

A 20% lighter version of the original color is **45.6684, 57.9526, 67.1715**, and **8.0076, 11.6616, 14.1408** is the 20% darker color. If you saturate the color by 10%, you get **20.3364, 28.2486, 33.4534**, and if you desaturate by 10%, it is **23.4334, 29.8170, 34.8678**.

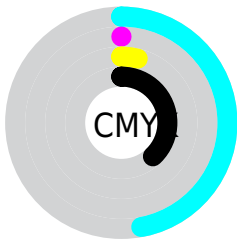
Distribution



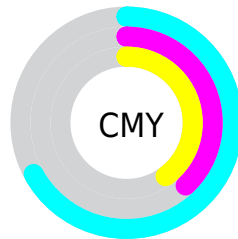
- Red (33%)
- Green (62%)
- Blue (60%)



- Red (33%)
- Yellow (48%)
- Blue (62%)



- Cyan (47%)
- Magenta (0%)
- Yellow (4%)
- Black (38%)



- Cyan (67%)
- Magenta (38%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7218, 28.9481, 34.1484 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 21.7218, 28.9481, 34.1484 by changing the saturation by 10% instead.

■ 21.7218, 28.9481,
34.1484

■ 21.7218, 28.9481,
34.1484

253.7497,
296.9700, 335.5826

■ 13.7681, 19.0416,
22.7293

■ 45.7680, 57.9946,
67.3009

■ 8.0402, 11.7003,
14.1904

■ 62.5913, 77.9034,
89.8714

■ 4.1727, 6.5400,
8.1129

■ 83.1017, 101.9150,
116.9962

■ 1.8003, 3.1761,
4.0785

■ 107.6648,
130.4139, 149.0938

■ 0.5178, 1.2243,
1.6685

136.6457,
163.7845, 186.5826

■ 0.0000, 0.0815,
0.3390

170.4100,

■ 0.0000, 0.0000,

202.4111, 229.8814

0.0000

209.3229,
246.6781, 279.4085

■ 21.7218, 28.9481,
34.1484

■ 21.7218, 28.9481,
34.1484

■ 20.3364, 28.2486,
33.4534

■ 23.4334, 29.8170,
34.8678

■ 19.2526, 27.7036,
32.7799

■ 25.4889, 30.8624,
35.6107

■ 18.4463, 27.3016,
32.1272

■ 27.9074, 32.0947,
36.3786

■ 17.8886, 27.0275,
31.4940

■ 30.7062, 33.5228,
37.1722

■ 17.5334, 26.8577,
30.8781

■ 33.9012, 35.1551,
37.9925

■ 17.4448, 26.8157,
30.7057

■ 37.5076, 36.9992,
38.8401

■ 41.5397, 39.0626,
39.7158

■ 46.0112, 41.3524,
40.6202

■ 50.9349, 43.8751,
41.5539

Harmonies

Analogous

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



22.0577, 28.9481, 25.2486



21.7218, 28.9481, 34.1484



22.8378, 28.9481, 44.0638

Triad

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



21.7218, 28.9481, 34.1484



31.6026, 28.9481, 48.0024



29.9355, 28.9481, 17.5330

Complementary

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



21.7218, 28.9481, 34.1484



19.3577, 14.4678, 11.6709

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.



32.7893, 28.9481, 21.6153



21.7218, 28.9481, 34.1484



33.8039, 28.9481, 38.7514

Square

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



21.7218, 28.9481, 34.1484



28.4175, 28.9481, 53.0392



34.2546, 28.9481, 29.0292



26.6304, 28.9481, 16.7862

Rectangle

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



21.7218, 28.9481, 34.1484



24.3115, 28.9481, 49.5184



34.2546, 28.9481, 29.0292



30.9867, 28.9481, 18.5150

Sweetspot

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



21.7226, 28.9492, 34.1491



51.3611, 58.1820, 65.5559



18.3631, 27.6872, 12.7645



11.3582, 13.0043, 14.7147



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



21.7226, 28.9492, 34.1491



36.2198, 50.4881, 59.7978



17.7653, 20.0896, 35.7435



6.7951, 7.4988, 8.3558



13.7861, 21.1824, 24.2946



0.2535, 0.3815, 0.4712

Inverse Universe

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



19.3577, 14.4678, 11.6709



31.4547, 21.2313, 14.4481



21.9166, 20.0467, 11.1024



6.6570, 6.6557, 7.0447



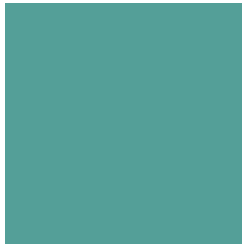
11.3679, 5.8517, 0.9224



0.2097, 0.1072, 0.0507

Previews

White Background



This preview shows how the XYZ color 21.7218, 28.9481, 34.1484 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 21.7218, 28.9481, 34.1484 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 × Fail

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

XYZ 21.7218, 28.9481, 34.1484

Background



This preview shows how black text looks on a background with the XYZ color 21.7218, 28.9481, 34.1484.

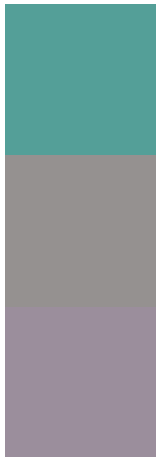


This preview shows how white text looks on a background with the XYZ color 21.7218, 28.9481,

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

21.7218, 28.9481, 34.1484

Protanopia

27.5539, 28.6540, 30.4641

Deuteranopia

29.1913, 28.7149, 35.4565



Tritanopia

23.1697, 28.7654, 41.8672

Trichromacy



Original Color

21.7218, 28.9481, 34.1484

Protanomaly

24.6303, 28.2793, 31.7641

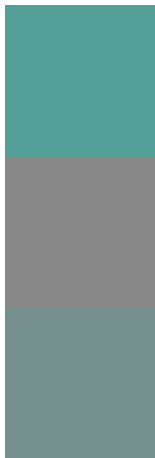
Deuteranomaly

25.5596, 28.2135, 35.1090

Tritanomaly

22.5983, 28.7845, 39.0152

Monochromacy



Original Color

21.7218, 28.9481, 34.1484

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.1919, 25.6814, 29.3786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7218, 28.9481, 34.1484 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(84, 159, 152)` looks like.

```
.text, #text, p{  
    color:rgb(84, 159, 152)  
}
```

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(84, 159, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 159, 152) }
```

Border

The CSS property to change the border of an element to XYZ 21.7218, 28.9481, 34.1484 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(84, 159, 152) }
```


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

```
.border{ border-color:rgb(84, 159, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 159, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 159, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 159, 152);  
box-shadow:4px 4px 4px 4px rgb(84, 159,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7218, 28.9481, 34.1484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 159, 152) }
```

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

```
.background{ background-color: rgb(84, 159,  
152) }
```

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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