

Converting Colors

XYZ(17.0676, 21.4788, 25.6571)

Have a look what the booklet for
XYZ(17.0676, 21.4788, 25.6571)
contains.

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Color

**XYZ(17.1792, 21.6388,
25.8255)**

Conversions

Conversions Part 1

Format	Color
Hex	578986
RGB	87, 137, 134
RGB Percent	34%, 54%, 53%
CMY	0.6588, 0.4627, 0.4745
CMYK	0.36, 0.00, 0.02, 0.46
HSL	176°, 22%, 44%
HSV	176°, 36%, 54%
XYZ	17.1792, 21.6388, 25.8255
YIQ	121.7080, -28.8370, -11.5330

Conversions

Conversions Part 2

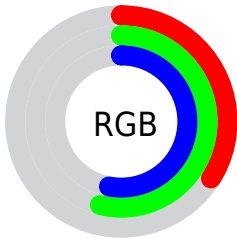
Format	Color
RYB	87, 113, 137
Decimal	5736838
CIELab	53.64, -17.48, -3.73
CIElCh	54, 17.874, 192.045
Yxy	21.6388, 0.2658, 0.3347
Android (android.graphics.Color)	4283926918 (0xFF578986)
YUV	121.7080, 6.0600, -30.4389
Hunter-Lab	46.5175, -15.4845, -0.3542

Details

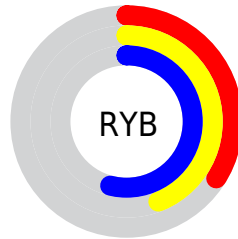
The XYZ color **17.1792, 21.6388, 25.8255** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.5709, 12.8735, 11.3378**, and the grayscale version is **18.3916, 19.3494, 21.0715**.

A 20% lighter version of the original color is **38.2479, 46.3384, 53.9420**, and **5.7714, 7.8498, 9.5985** is the 20% darker color. If you saturate the color by 10%, you get **15.9626, 21.0187, 25.4707**, and if you desaturate by 10%, it is **18.6403, 22.3859, 26.1950**.

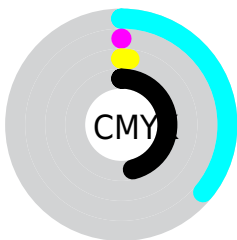
Distribution



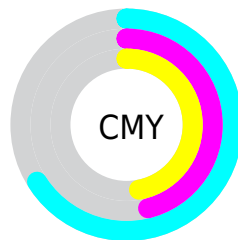
- Red (34%)
- Green (54%)
- Blue (53%)



- Red (34%)
- Yellow (44%)
- Blue (54%)



- Cyan (36%)
- Magenta (0%)
- Yellow (2%)
- Black (46%)



- Cyan (66%)
- Magenta (46%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1792, 21.6388, 25.8255 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 17.1792, 21.6388, 25.8255 by changing the saturation by 10% instead.

■ 17.1792, 21.6388,
25.8255

■ 17.1792, 21.6388,
25.8255

■ 229.3391,
260.6542, 295.5026

■ 10.4584, 13.5917,
16.4685

■ 38.1748, 46.1483,
53.9739

■ 5.7685, 7.8373,
9.6984

■ 53.1803, 63.3795,
73.6025

■ 2.7442, 3.9910,
5.0965

■ 71.6781, 84.4409,
97.4920

■ 1.0200, 1.6685,
2.2442

■ 94.0336, 109.7168,
126.0610

■ 0.0000, 0.4032,
0.6997

■ 120.6121,
139.5917, 159.7280

■ 0.0000, 0.0000,
0.0000

151.7789,

174.4500, 198.9116

187.8995,
214.6760, 244.0302

■ 17.1792, 21.6388,
25.8255

■ 17.1792, 21.6388,
25.8255

■ 15.9626, 21.0187,
25.4707

■ 18.6403, 22.3859,
26.1950

■ 14.9748, 20.5161,
25.1285

■ 20.3567, 23.2641,
26.5783

■ 14.2013, 20.1238,
24.7986

■ 22.3409, 24.2802,
26.9765

■ 13.6251, 19.8332,
24.4803

■ 24.6038, 25.4399,
27.3901

■ 13.2267, 19.6343,
24.1726

■ 27.1560, 26.7488,
27.8196

■ 12.9730, 19.5098,
23.8739

■ 30.0074, 28.2118,
28.2654

■ 12.8937, 19.4712,
23.7703

■ 33.1674, 29.8339,
28.7280

■ 36.6450, 31.6196,
29.2079

■ 40.4489, 33.5735,
29.7054

Harmonies

Analogous

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



17.2663, 21.6388, 20.4640



17.1792, 21.6388, 25.8255



17.9576, 21.6388, 31.3333

Triad

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



17.1792, 21.6388, 25.8255



23.1269, 21.6388, 32.2702



21.7205, 21.6388, 14.9022

Complementary

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



17.1792, 21.6388, 25.8255



15.5709, 12.8735, 11.3378

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.



23.4178, 21.6388, 17.1936



17.1792, 21.6388, 25.8255



24.2637, 21.6388, 26.9557

Square

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



17.1792, 21.6388, 25.8255



21.3432, 21.6388, 35.4218



24.3733, 21.6388, 21.4329



19.8099, 21.6388, 14.6962

Rectangle

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



17.1792, 21.6388, 25.8255



18.8924, 21.6388, 34.1306



24.3733, 21.6388, 21.4329



22.3378, 21.6388, 15.4355

Sweetspot

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



17.1798, 21.6397, 25.8260



38.2593, 42.5844, 47.9662



14.9155, 20.7707, 12.2402



8.4908, 9.5051, 10.7403



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



17.1798, 21.6397, 25.8260



28.8902, 37.7948, 45.7070



14.6153, 16.1707, 26.0189



5.1601, 5.6835, 6.3640



12.0115, 18.1372, 22.1493



0.0816, 0.1212, 0.1568

Inverse Universe

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



15.5709, 12.8735, 11.3378



25.5615, 19.6442, 15.7217



17.4707, 16.8735, 11.3533



5.0443, 5.0531, 5.3215



9.6534, 4.9715, 0.6794



0.0655, 0.0336, 0.0118

Previews

White Background



This preview shows how the XYZ color 17.1792, 21.6388, 25.8255 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 17.1792, 21.6388, 25.8255 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 17.1792, 21.6388, 25.8255

Background



This preview shows how black text looks on a background with the XYZ color 17.1792, 21.6388, 25.8255.



This preview shows how white text looks on a background with the XYZ color 17.1792, 21.6388,

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

17.1792, 21.6388, 25.8255

Protanopia

20.6916, 21.4831, 23.4782

Deuteranopia

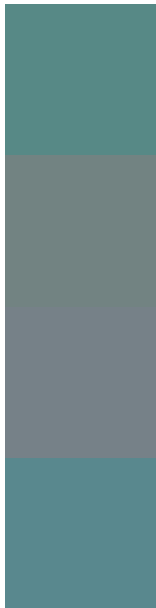
21.8764, 21.4557, 26.6553



Tritanopia

18.0687, 21.5769, 30.4066

Trichromacy



Original Color

17.1792, 21.6388, 25.8255

Protanomaly

19.0850, 21.4217, 24.2480

Deuteranomaly

19.7654, 21.3296, 26.3678

Tritanomaly

17.8065, 21.6852, 28.8383

Monochromacy



Original Color

17.1792, 21.6388, 25.8255

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

17.6619, 19.9363, 22.6559

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1792, 21.6388, 25.8255 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(87, 137, 134)` looks like.

```
.text, #text, p{  
    color:rgb(87, 137, 134)  
}
```

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(87, 137, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 137, 134) }
```

Border

The CSS property to change the border of an element to XYZ 17.1792, 21.6388, 25.8255 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(87, 137, 134) }
```


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

```
.border{ border-color:rgb(87, 137, 134) }
```

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

Here you see how a box with a 4 pixel rgb(87, 137, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 137, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 137, 134);  
box-shadow:4px 4px 4px 4px rgb(87, 137,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1792, 21.6388, 25.8255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 137, 134) }
```

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

```
.background{ background-color: rgb(87, 137,  
134) }
```

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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