

Converting Colors

XYZ(21.8408, 25.6134, 27.1106)

Have a look what the booklet for
XYZ(21.8408, 25.6134, 27.1106)
contains.

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Color

**XYZ(21.7533, 25.5060,
27.0692)**

Conversions

Conversions Part 1

Format	Color
Hex	759088
RGB	117, 144, 136
RGB Percent	46%, 56%, 53%
CMY	0.5412, 0.4353, 0.4667
CMYK	0.19, 0.00, 0.06, 0.44
HSL	162°, 11%, 51%
HSV	162°, 19%, 56%
XYZ	21.7533, 25.5060, 27.0692
YIQ	135.0150, -13.5240, -8.2120

Conversions

Conversions Part 2

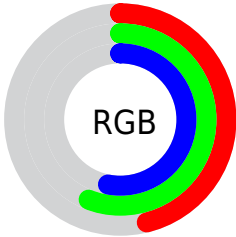
Format	Color
R_{YB}	117, 133, 144
Decimal	7704712
CIE _{Lab}	57.57, -11.25, 1.08
CIE _{LCh}	58, 11.299, 174.522
Yxy	25.5060, 0.2927, 0.3432
Android (android.graphics.Color)	4285894792 (0xFF759088)
YUV	135.0150, 0.4856, -15.7992
Hunter-Lab	50.5035, -11.4960, 3.5738

Details

The XYZ color **21.7533, 25.5060, 27.0692** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.5654, 20.1332, 22.1526**, and the grayscale version is **23.0371, 24.2368, 26.3939**.

A 20% lighter version of the original color is **45.7416, 52.4973, 55.8663**, and **8.0663, 9.9062, 10.2911** is the 20% darker color. If you saturate the color by 10%, you get **19.6682, 24.4661, 25.4202**, and if you desaturate by 10%, it is **24.1496, 26.7063, 28.7969**.

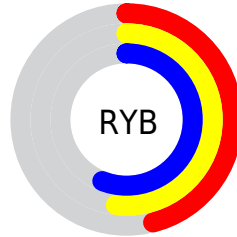
Distribution



Red (46%)

Green (56%)

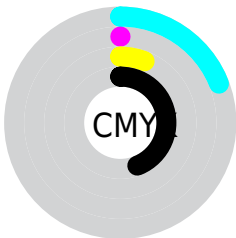
Blue (53%)



Red (46%)

Yellow (52%)

Blue (56%)

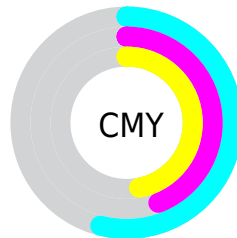


Cyan (19%)

Magenta (0%)

Yellow (6%)

Black (44%)



Cyan (54%)

Magenta (44%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7533, 25.5060, 27.0692 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 21.7533, 25.5060, 27.0692 by changing the saturation by 10% instead.

■ 21.7533, 25.5060,
27.0692

■ 21.7533, 25.5060,
27.0692

253.9119,
280.3486, 301.7628

■ 13.7913, 16.4544,
17.3923

■ 45.8198, 52.4769,
56.0000

■ 8.0564, 9.8463,
10.3497

■ 62.6551, 71.1651,
76.0909

■ 4.1832, 5.2972,
5.5228

■ 83.1788, 93.8342,
100.4903

■ 1.8063, 2.4227,
2.4931

107.7563,
120.8687, 129.6167

■ 0.5214, 0.8375,
0.8365

136.7531,
152.6530, 163.8886

■ 0.0000, 0.0000,
0.0000

170.5343,

189.5715, 203.7246

209.4655,
232.0086, 249.5431

■ 21.7533, 25.5060,
27.0692

■ 21.7533, 25.5060,
27.0692

■ 19.6682, 24.4661,
25.4202

■ 24.1496, 26.7063,
28.7969

■ 17.8785, 23.5765,
23.8467

■ 26.8677, 28.0704,
30.6030

■ 16.3700, 22.8304,
22.3481

■ 29.9205, 29.6056,
32.4891

■ 15.1268, 22.2198,
20.9227

■ 33.3195, 31.3177,
34.4566

■ 14.1311, 21.7354,
19.5689

■ 37.0754, 33.2125,
36.5067

■ 13.3629, 21.3670,
18.2851

■ 41.1989, 35.2953,
38.6404

■ 12.7990, 21.1027,
17.0694

■ 45.6998, 37.5711,
40.8590

■ 12.3876, 20.9156,
15.9185

■ 50.5877, 40.0450,
43.1635

■ 12.3388, 20.8935,
15.7789

■ 55.8719, 42.7217,
45.5550

Harmonies

Analogous

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



22.1928, 25.5060, 23.6828



21.7533, 25.5060, 27.0692



21.9604, 25.5060, 30.9676

Triad

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



21.7533, 25.5060, 27.0692



25.3343, 25.5060, 35.0866



25.7782, 25.5060, 22.1553

Complementary

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



21.7533, 25.5060, 27.0692



21.5654, 20.1332, 22.1526

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.



26.6778, 25.5060, 24.8036



21.7533, 25.5060, 27.0692



26.4150, 25.5060, 32.3061

Square

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



21.7533, 25.5060, 27.0692



23.9961, 25.5060, 35.8347



26.9151, 25.5060, 28.4862



24.4909, 25.5060, 21.0191

Rectangle

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



21.7533, 25.5060, 27.0692



22.4415, 25.5060, 33.3080



26.9151, 25.5060, 28.4862



26.1378, 25.5060, 22.8856

Sweetspot

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



21.7540, 25.5071, 27.0698



43.7961, 47.7051, 51.6122



21.6570, 25.5995, 20.6297



9.9833, 10.9097, 11.7951



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



21.7540, 25.5071, 27.0698



36.5640, 44.0857, 46.3522



21.5458, 24.1461, 29.9119



5.4931, 6.0895, 6.5624



10.7550, 18.1979, 13.7956



0.1125, 0.1779, 0.1830

Inverse Universe

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



21.5654, 20.1332, 22.1526



36.1618, 32.6048, 35.8504



21.7220, 21.2318, 19.7833



5.4706, 5.4487, 5.9759



10.3997, 5.3169, 2.4902



0.1082, 0.0543, 0.0699

Previews

White Background



This preview shows how the XYZ color 21.7533, 25.5060, 27.0692 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 21.7533, 25.5060, 27.0692 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

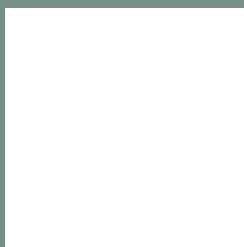
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.7533, 25.5060, 27.0692

Background



This preview shows how black text looks on a background with the XYZ color 21.7533, 25.5060, 27.0692.



This preview shows how white text looks on a background with the XYZ color 21.7533, 25.5060,

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

21.7533, 25.5060, 27.0692

Protanopia

24.2658, 25.3080, 25.4358

Deuteranopia

25.8750, 25.4645, 27.5961



Tritanopia

23.0204, 25.3427, 33.8153

Trichromacy



Original Color

21.7533, 25.5060, 27.0692

Protanomaly

23.2846, 25.4362, 25.8727

Deuteranomaly

24.2513, 25.4721, 27.3053

Tritanomaly

22.5472, 25.3745, 31.3132

Monochromacy



Original Color

21.7533, 25.5060, 27.0692

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.3637, 24.5154, 26.4749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7533, 25.5060, 27.0692 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(117, 144, 136)` looks like.

```
.text, #text, p{  
    color:rgb(117, 144, 136)  
}
```

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(117, 144, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 144, 136) }
```

Border

The CSS property to change the border of an element to XYZ 21.7533, 25.5060, 27.0692 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(117, 144, 136) }
```


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

```
.border{ border-color:rgb(117, 144, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 144, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 144, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 144, 136);  
box-shadow:4px 4px 4px 4px rgb(117, 144,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7533, 25.5060, 27.0692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 144, 136) }
```

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

```
.background{ background-color: rgb(117,  
144, 136) }
```

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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