

Converting Colors

XYZ(21.1643, 25.6498, 27.3934)

Have a look what the booklet for
XYZ(21.1643, 25.6498, 27.3934)
contains.

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Color

**XYZ(21.2246, 25.6789,
27.5048)**

Conversions

Conversions Part 1

Format	Color
Hex	6E9289
RGB	110, 146, 137
RGB Percent	43%, 57%, 54%
CMY	0.5686, 0.4274, 0.4627
CMYK	0.25, 0.00, 0.06, 0.43
HSL	165°, 14%, 50%
HSV	165°, 25%, 57%
XYZ	21.2246, 25.6789, 27.5048
YIQ	134.2100, -18.5670, -10.4310

Conversions

Conversions Part 2

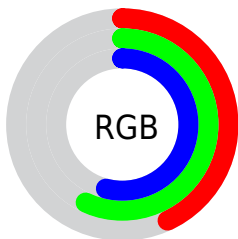
Format	Color
R_{YB}	110, 131, 146
Decimal	7246473
CIE _{Lab}	57.73, -14.46, 0.69
CIE _{LCh}	58, 14.478, 177.254
Yxy	25.6789, 0.2852, 0.3451
Android (android.graphics.Color)	4285436553 (0xFF6E9289)
YUV	134.2100, 1.3755, -21.2322
Hunter-Lab	50.6744, -13.9166, 3.2909

Details

The XYZ color **21.2246, 25.6789, 27.5048** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.7606, 18.5953, 19.9487**, and the grayscale version is **22.7377, 23.9219, 26.0509**.

A 20% lighter version of the original color is **44.8488, 52.7076, 56.5250**, and **7.7370, 9.8646, 10.5131** is the 20% darker color. If you saturate the color by 10%, you get **19.2983, 24.7163, 26.0711**, and if you desaturate by 10%, it is **23.4606, 26.8015, 29.0004**.

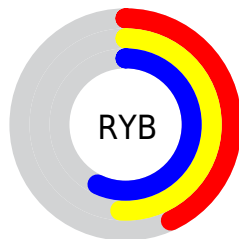
Distribution



Red (43%)

Green (57%)

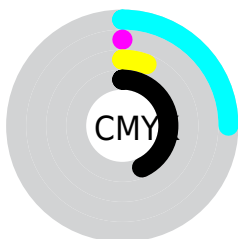
Blue (54%)



Red (43%)

Yellow (51%)

Blue (57%)

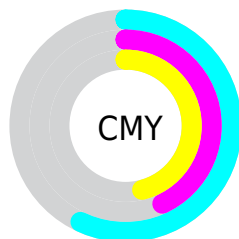


Cyan (25%)

Magenta (0%)

Yellow (6%)

Black (43%)



Cyan (57%)

Magenta (43%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.2246, 25.6789, 27.5048 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 21.2246, 25.6789, 27.5048 by changing the saturation by 10% instead.

■ 21.2246, 25.6789,
27.5048

■ 21.2246, 25.6789,
27.5048

251.1789,
281.2022, 303.9302

■ 13.4017, 16.5836,
17.7169

■ 44.9495, 52.7565,
56.7064

■ 7.7846, 9.9380,
10.5796

■ 61.5822, 71.5075,
76.9572

■ 4.0081, 5.3579,
5.6743

■ 81.8822, 94.2459,
101.5327

■ 1.7067, 2.4587,
2.5825

■ 106.2148,
121.3561, 130.8515

■ 0.4605, 0.8559,
0.8834

134.9454,
153.2224, 165.3321

■ 0.0000, 0.0000,
0.0000

168.4394,

190.2293, 205.3931

207.0621,
232.7611, 251.4529

■ 21.2246, 25.6789,
27.5048

■ 21.2246, 25.6789,
27.5048

■ 19.2983, 24.7163,
26.0711

■ 23.4606, 26.8015,
29.0004

■ 17.6648, 23.9029,
24.6963

■ 26.0177, 28.0879,
30.5572

■ 16.3087, 23.2316,
23.3799

■ 28.9097, 29.5460,
32.1767

■ 15.2126, 22.6933,
22.1205

■ 32.1487, 31.1818,
33.8602

■ 14.3569, 22.2779,
20.9169

■ 35.7462, 33.0014,
35.6084

■ 13.7192, 21.9739,
19.7673

■ 39.7133, 35.0105,
37.4223

■ 13.2709, 21.7666,
18.6701

■ 44.0604, 37.2144,
39.3028

■ 13.0665, 21.6736,
18.1033

■ 48.7978, 39.6184,
41.2509

■ 53.9351, 42.2275,
43.2673

Harmonies

Analogous

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



21.7077, 25.6789, 23.1045



21.2246, 25.6789, 27.5048



21.5602, 25.6789, 32.5666

Triad

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



21.2246, 25.6789, 27.5048



25.9666, 25.6789, 37.3410



26.2561, 25.6789, 20.6704

Complementary

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



21.2246, 25.6789, 27.5048



20.7606, 18.5953, 19.9487

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.



27.4940, 25.6789, 23.8096



21.2246, 25.6789, 27.5048



27.3213, 25.6789, 33.4521

Square

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



21.2246, 25.6789, 27.5048



24.2476, 25.6789, 38.6284



27.8927, 25.6789, 28.4201



24.5672, 25.6789, 19.4624

Rectangle

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



21.2246, 25.6789, 27.5048



22.2123, 25.6789, 35.5783



27.8927, 25.6789, 28.4201



26.7418, 25.6789, 21.5150

Sweetspot

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



21.2253, 25.6800, 27.5054



44.7217, 48.9567, 53.2116



20.7845, 25.6492, 18.6075



9.8980, 10.8653, 11.8071



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.



21.2253, 25.6800, 27.5054



35.3562, 44.2564, 47.0025



20.6506, 23.4536, 30.6340



5.9028, 6.5377, 7.0990



11.5072, 19.0757, 15.9785



0.1526, 0.2382, 0.2576

Inverse Universe

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



20.7606, 18.5953, 19.9487



34.3828, 29.3904, 31.1548



21.1949, 20.2887, 17.5511



5.8568, 5.8378, 6.3518



10.7266, 5.4957, 2.0415



0.1417, 0.0714, 0.0796

Previews

White Background



This preview shows how the XYZ color 21.2246, 25.6789, 27.5048 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 21.2246, 25.6789, 27.5048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

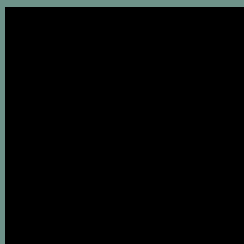
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

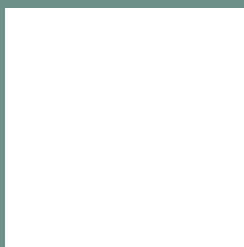
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.2246, 25.6789, 27.5048

Background



This preview shows how black text looks on a background with the XYZ color 21.2246, 25.6789, 27.5048.



This preview shows how white text looks on a background with the XYZ color 21.2246, 25.6789,

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

21.2246, 25.6789, 27.5048

Protanopia

24.4087, 25.5937, 25.4834

Deuteranopia

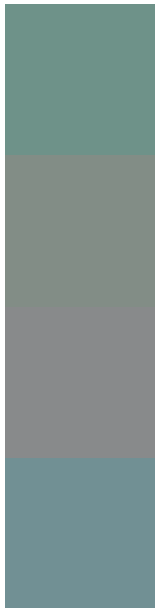
26.0212, 25.5230, 28.3659



Tritanopia

22.6783, 25.5889, 34.7542

Trichromacy



Original Color

21.2246, 25.6789, 27.5048

Protanomaly

23.0339, 25.5168, 26.2655

Deuteranomaly

23.9020, 25.2753, 28.0449

Tritanomaly

22.1286, 25.5953, 31.7911

Monochromacy



Original Color

21.2246, 25.6789, 27.5048

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

21.9191, 24.2862, 26.4541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2246, 25.6789, 27.5048 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(110, 146, 137)` looks like.

```
.text, #text, p{  
    color:rgb(110, 146, 137)  
}
```

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(110, 146, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 146, 137) }
```

Border

The CSS property to change the border of an element to XYZ 21.2246, 25.6789, 27.5048 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(110, 146, 137) }
```


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

```
.border{ border-color:rgb(110, 146, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 146, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 146, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 146, 137);  
box-shadow:4px 4px 4px 4px rgb(110, 146,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2246, 25.6789, 27.5048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 146, 137) }
```

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

```
.background{ background-color: rgb(110,  
146, 137) }
```

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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