

Converting Colors

XYZ(21.6108, 25.8724, 30.1418)

Have a look what the booklet for
XYZ(21.6108, 25.8724, 30.1418)
contains.

XYZ(21.6196, 25.8226, 30.2303)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(21.6196, 25.8226,
30.2303)**

Conversions

Conversions Part 1

Format	Color
Hex	6D9290
RGB	109, 146, 144
RGB Percent	43%, 57%, 56%
CMY	0.5725, 0.4274, 0.4353
CMYK	0.25, 0.00, 0.01, 0.43
HSL	177°, 15%, 50%
HSV	177°, 25%, 57%
XYZ	21.6196, 25.8226, 30.2303
YIQ	134.7090, -21.4100, -8.4660

Conversions

Conversions Part 2

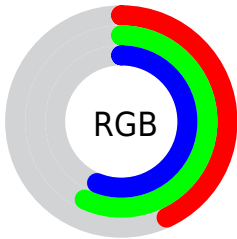
Format	Color
R_{YB}	109, 128, 146
Decimal	7180944
CIE _{Lab}	57.87, -13.18, -3.11
CIE _{LCh}	58, 13.545, 193.295
Yxy	25.8226, 0.2783, 0.3325
Android (android.graphics.Color)	4285371024 (0xFF6D9290)
YUV	134.7090, 4.5805, -22.5468
Hunter-Lab	50.8159, -12.9852, 0.2997

Details

The XYZ color **21.6196, 25.8226, 30.2303** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.1929, 18.1967, 17.4881**, and the grayscale version is **22.9112, 24.1044, 26.2497**.

A 20% lighter version of the original color is **45.5453, 52.9628, 61.2484**, and **7.9761, 9.9532, 12.0905** is the 20% darker color. If you saturate the color by 10%, you get **19.9106, 24.9492, 29.8368**, and if you desaturate by 10%, it is **23.6288, 26.8521, 30.6412**.

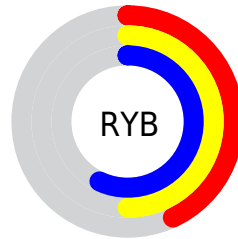
Distribution



Red (43%)

Green (57%)

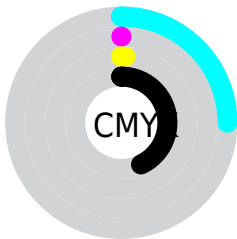
Blue (56%)



Red (43%)

Yellow (50%)

Blue (57%)

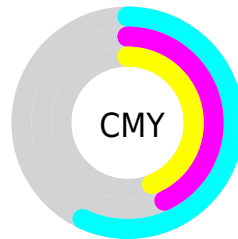


Cyan (25%)

Magenta (0%)

Yellow (1%)

Black (43%)



Cyan (57%)

Magenta (43%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6196, 25.8226, 30.2303 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 21.6196, 25.8226, 30.2303 by changing the saturation by 10% instead.

■ 21.6196, 25.8226,
30.2303

■ 21.6196, 25.8226,
30.2303

253.2231,
281.9101, 317.2171

■ 13.6927, 16.6910,
19.7599

■ 45.6000, 52.9886,
61.0915

■ 7.9875, 10.0144,
12.0383

■ 62.3842, 71.7918,
82.3194

■ 4.1387, 5.4085,
6.6469

■ 82.8516, 94.5876,
107.9702

■ 1.7809, 2.4889,
3.1672

■ 107.3675,
121.7605, 138.4625

■ 0.5061, 0.8711,
1.1806

136.2972,
153.6948, 174.2148

■ 0.0000, 0.0000,
0.0000

170.0062,

190.7749, 215.6456

208.8597,
233.3852, 263.1736

■ 21.6196, 25.8226,
30.2303

■ 21.6196, 25.8226,
30.2303

■ 19.9106, 24.9492,
29.8368

■ 23.6288, 26.8521,
30.6412

■ 18.4850, 24.2212,
29.4581

■ 25.9498, 28.0415,
31.0684

■ 17.3275, 23.6313,
29.0942

■ 28.5962, 29.3987,
31.5130

■ 16.4204, 23.1705,
28.7442

■ 31.5801, 30.9298,
31.9756

■ 15.7443, 22.8287,
28.4073

■ 34.9129, 32.6407,
32.4567

■ 15.2765, 22.5942,
28.0822

■ 38.6058, 34.5372,
32.9570

■ 14.9861, 22.4512,
27.7677

■ 42.6691, 36.6246,
33.4768

■ 14.8743, 22.3967,
27.6230

■ 47.1129, 38.9081,
34.0167

■ 51.9469, 41.3928,
34.5770

Harmonies

Analogous

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



21.6640, 25.8226, 25.6158



21.6196, 25.8226, 30.2303



22.3336, 25.8226, 34.7279

Triad

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



21.6196, 25.8226, 30.2303



26.7550, 25.8226, 35.1643



25.4551, 25.8226, 20.3696

Complementary

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



21.6196, 25.8226, 30.2303



20.1929, 18.1967, 17.4881

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.



26.8948, 25.8226, 22.4023



21.6196, 25.8226, 30.2303



27.6677, 25.8226, 30.7747

Square

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



21.6196, 25.8226, 30.2303



25.2710, 25.8226, 37.7819



27.7200, 25.8226, 26.1035



23.8303, 25.8226, 20.2583

Rectangle

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



21.6196, 25.8226, 30.2303



23.1626, 25.8226, 36.9161



27.7200, 25.8226, 26.1035



25.9784, 25.8226, 20.8396

Sweetspot

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



21.6203, 25.8237, 30.2309



44.5651, 48.8453, 54.5902



19.6544, 25.0728, 18.2721



9.7857, 10.8004, 12.1209



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.



21.6203, 25.8237, 30.2309



36.4873, 44.7088, 52.9589



19.4740, 21.2838, 30.2771



5.9507, 6.5569, 7.3513



13.0915, 19.7094, 24.3213



0.1636, 0.2426, 0.3153

Inverse Universe

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



20.1929, 18.1967, 17.4881



33.5593, 29.0610, 26.8188



21.9531, 21.8917, 17.5370



5.8128, 5.8202, 6.1202



10.4725, 5.3940, 0.7031



0.1307, 0.0670, 0.0219

Previews

White Background



This preview shows how the XYZ color 21.6196, 25.8226, 30.2303 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 21.6196, 25.8226, 30.2303 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

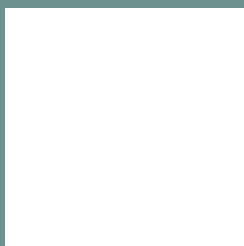
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.6196, 25.8226, 30.2303

Background



This preview shows how black text looks on a background with the XYZ color 21.6196, 25.8226, 30.2303.



This preview shows how white text looks on a background with the XYZ color 21.6196, 25.8226,

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

21.6196, 25.8226, 30.2303

Protanopia

24.7332, 25.7038, 28.0838

Deuteranopia

26.2467, 25.7928, 30.7893



Tritanopia

22.6561, 25.7916, 35.2367

Trichromacy



Original Color

21.6196, 25.8226, 30.2303

Protanomaly

23.3859, 25.6400, 28.9157

Deuteranomaly

24.1750, 25.5779, 30.4509

Tritanomaly

22.3484, 25.8973, 33.5266

Monochromacy



Original Color

21.6196, 25.8226, 30.2303

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.4242, 24.7358, 27.6374

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6196, 25.8226, 30.2303 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(109, 146, 144)` looks like.

```
.text, #text, p{  
    color:rgb(109, 146, 144)  
}
```

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(109, 146, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 146, 144) }
```

Border

The CSS property to change the border of an element to XYZ 21.6196, 25.8226, 30.2303 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(109, 146, 144) }
```


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

```
.border{ border-color:rgb(109, 146, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 146, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 146, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 146, 144);  
box-shadow:4px 4px 4px 4px rgb(109, 146,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6196, 25.8226, 30.2303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 146, 144) }
```

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

```
.background{ background-color: rgb(109,  
146, 144) }
```

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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