

Converting Colors

XYZ(21.3180, 25.5514, 28.7160)

Have a look what the booklet for
XYZ(21.3180, 25.5514, 28.7160)
contains.

XYZ(21.2894, 25.4592, 28.6030)	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(21.2894, 25.4592,
28.6030)**

Conversions

Conversions Part 1

Format	Color
Hex	6E918C
RGB	110, 145, 140
RGB Percent	43%, 57%, 55%
CMY	0.5686, 0.4314, 0.4510
CMYK	0.24, 0.00, 0.03, 0.43
HSL	171°, 14%, 50%
HSV	171°, 24%, 57%
XYZ	21.2894, 25.4592, 28.6030
YIQ	133.9650, -19.2550, -8.9750

Conversions

Conversions Part 2

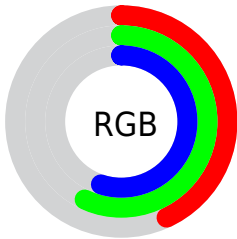
Format	Color
R_{YB}	110, 129, 145
Decimal	7246220
CIE _{Lab}	57.52, -13.24, -1.33
CIE _{LCh}	58, 13.310, 185.738
Yxy	25.4592, 0.2825, 0.3379
Android (android.graphics.Color)	4285436300 (0xFF6E918C)
YUV	133.9650, 2.9753, -21.0173
Hunter-Lab	50.4571, -12.9853, 1.7098

Details

The XYZ color **21.2894, 25.4592, 28.6030** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.3483, 18.4101, 18.7017**, and the grayscale version is **22.6421, 23.8213, 25.9414**.

A 20% lighter version of the original color is **44.9494, 52.3785, 58.1931**, and **7.7726, 9.7357, 11.1424** is the 20% darker color. If you saturate the color by 10%, you get **19.4797, 24.5444, 27.7287**, and if you desaturate by 10%, it is **23.3987, 26.5294, 29.5075**.

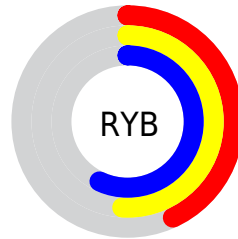
Distribution



Red (43%)

Green (57%)

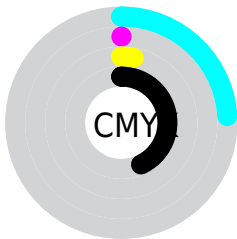
Blue (55%)



Red (43%)

Yellow (51%)

Blue (57%)

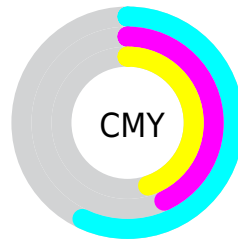


Cyan (24%)

Magenta (0%)

Yellow (3%)

Black (43%)



Cyan (57%)

Magenta (43%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.2894, 25.4592, 28.6030 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 21.2894, 25.4592, 28.6030 by changing the saturation by 10% instead.

■ 21.2894, 25.4592,
28.6030

■ 21.2894, 25.4592,
28.6030

251.5152,
280.1171, 309.3393

■ 13.4494, 16.4195,
18.5377

■ 45.0563, 52.4012,
58.4804

■ 7.8178, 9.8215,
11.1633

■ 61.7140, 71.0723,
79.1295

■ 4.0294, 5.2808,
6.0612

■ 82.0415, 93.7227,
104.1437

■ 1.7188, 2.4129,
2.8130

■ 106.4043,
120.7367, 133.9415

■ 0.4680, 0.8325,
0.9999

135.1677,
152.4987, 168.9414

■ 0.0000, 0.0000,
0.0000

168.6971,

189.3932, 209.5620

207.3578,
231.8046, 256.2218

■ 21.2894, 25.4592,
28.6030

■ 21.2894, 25.4592,
28.6030

■ 19.4797, 24.5444,
27.7287

■ 23.3987, 26.5294,
29.5075

■ 17.9530, 23.7745,
26.8820

■ 25.8188, 27.7589,
30.4410

■ 16.6946, 23.1426,
26.0627

■ 28.5630, 29.1551,
31.4050

■ 15.6872, 22.6398,
25.2700

■ 31.6431, 30.7241,
32.3999

■ 14.9120, 22.2564,
24.5028

■ 35.0704, 32.4718,
33.4264

■ 14.3471, 21.9810,
23.7600

■ 38.8557, 34.4037,
34.4850

■ 13.9657, 21.7999,
23.0404

■ 43.0093, 36.5250,
35.5764

■ 13.7818, 21.7140,
22.6272

■ 47.5409, 38.8410,
36.7011

■ 52.4601, 41.3563,
37.8596

Harmonies

Analogous

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



21.5235, 25.4592, 24.2851



21.2894, 25.4592, 28.6030



21.8067, 25.4592, 33.1404

Triad

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



21.2894, 25.4592, 28.6030



26.0232, 25.4592, 35.4301



25.4729, 25.4592, 20.4974

Complementary

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



21.2894, 25.4592, 28.6030



20.3483, 18.4101, 18.7017

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.



26.7585, 25.4592, 22.9267



21.2894, 25.4592, 28.6030



27.0858, 25.4592, 31.4660

Square

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



21.2894, 25.4592, 28.6030



24.5043, 25.4592, 37.3488



27.3606, 25.4592, 26.8568



23.8946, 25.4592, 19.9082

Rectangle

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



21.2894, 25.4592, 28.6030



22.5219, 25.4592, 35.5823



27.3606, 25.4592, 26.8568



25.9557, 25.4592, 21.1119

Sweetspot

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



21.2901, 25.4602, 28.6036



44.8723, 49.0170, 54.0047



20.0438, 25.0394, 18.5289



9.9337, 10.8796, 11.9955



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.



21.2901, 25.4602, 28.6036



36.2892, 44.6640, 50.3599



19.8953, 22.0668, 29.9999



5.5276, 6.1033, 6.7441



11.8278, 18.6270, 19.4453



0.1190, 0.1804, 0.2168

Inverse Universe

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



20.3483, 18.4101, 18.7017



34.3011, 29.7712, 29.4499



21.4826, 21.1268, 17.6979



5.4383, 5.4359, 5.8063



10.1361, 5.2114, 1.1019



0.1017, 0.0518, 0.0360

Previews

White Background



This preview shows how the XYZ color 21.2894, 25.4592, 28.6030 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 21.2894, 25.4592, 28.6030 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

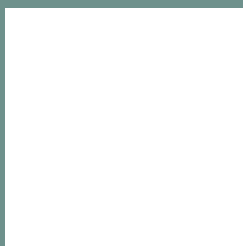
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.2894, 25.4592, 28.6030

Background



This preview shows how black text looks on a background with the XYZ color 21.2894, 25.4592, 28.6030.



This preview shows how white text looks on a background with the XYZ color 21.2894, 25.4592,

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

21.2894, 25.4592, 28.6030

Protanopia

24.3033, 25.3033, 26.5248

Deuteranopia

25.8020, 25.3927, 29.1326



Tritanopia

22.4652, 25.4887, 34.3076

Trichromacy



Original Color

21.2894, 25.4592, 28.6030

Protanomaly

23.0994, 25.3081, 27.3344

Deuteranomaly

23.8879, 25.2509, 28.8142

Tritanomaly

22.0802, 25.5612, 32.2038

Monochromacy



Original Color

21.2894, 25.4592, 28.6030

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

21.9899, 24.3145, 26.8267

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2894, 25.4592, 28.6030 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, 145, 140)` looks like.

```
.text, #text, p{  
    color:rgb(110, 145, 140)  
}
```

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, 145, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 145, 140) }
```

Border

The CSS property to change the border of an element to XYZ 21.2894, 25.4592, 28.6030 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, 145, 140) }
```


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

```
.border{ border-color:rgb(110, 145, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 145, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 145, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 145, 140);  
box-shadow:4px 4px 4px 4px rgb(110, 145,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2894, 25.4592, 28.6030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 145, 140) }
```

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

```
.background{ background-color: rgb(110,  
145, 140) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor