

Converting Colors

XYZ(21.0918, 28.0076, 16.3509)

Have a look what the booklet for
XYZ(21.0918, 28.0076, 16.3509)
contains.

XYZ(21.0918, 28.0076, 16.3509)	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(21.0918, 28.0076,
16.3509)**

Conversions

Conversions Part 1

Format	Color
Hex	739B64
RGB	115, 155, 100
RGB Percent	45%, 61%, 39%
CMY	0.5490, 0.3921, 0.6078
CMYK	0.26, 0.00, 0.35, 0.39
HSL	104°, 22%, 50%
HSV	104°, 35%, 61%
XYZ	21.0918, 28.0076, 16.3509
YIQ	136.7700, -6.1850, -25.5850

Conversions

Conversions Part 2

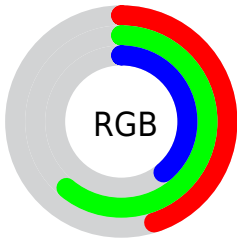
Format	Color
R_{YB}	100, 155, 140
Decimal	7576420
CIE Lab	59.90, -24.43, 24.55
CIE LCh	60, 34.630, 134.855
Yxy	28.0076, 0.3223, 0.4279
Android (android.graphics.Color)	4285766500 (0xFF739B64)
YUV	136.7700, -18.1276, -19.0923
Hunter-Lab	52.9222, -21.4739, 18.7272

Details

The XYZ color **21.0918, 28.0076, 16.3509** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.2900, 17.0571, 33.1821**, and the grayscale version is **23.7595, 24.9969, 27.2216**.

A 20% lighter version of the original color is **44.7810, 56.6524, 37.8530**, and **7.7501, 11.2724, 5.0161** is the 20% darker color. If you saturate the color by 10%, you get **19.0191, 27.0185, 12.7035**, and if you desaturate by 10%, it is **23.4900, 29.1497, 20.7599**.

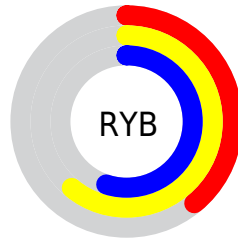
Distribution



Red (45%)

Green (61%)

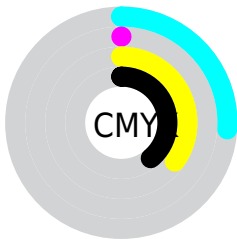
Blue (39%)



Red (39%)

Yellow (61%)

Blue (55%)

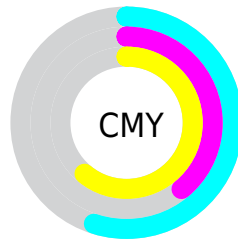


Cyan (26%)

Magenta (0%)

Yellow (35%)

Black (39%)



Cyan (55%)

Magenta (39%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0918, 28.0076, 16.3509 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 21.0918, 28.0076, 16.3509 by changing the saturation by 10% instead.

■ 21.0918, 28.0076,
16.3509

■ 21.0918, 28.0076,
16.3509

250.4884,
292.5032, 243.3195

■ 13.3040, 18.3314,
9.6158

■ 44.7304, 56.4966,
37.9816

■ 7.7166, 11.1882,
5.0427

■ 61.3119, 76.0781,
53.7141

■ 3.9644, 6.1935,
2.2132

■ 81.5552, 99.7303,
73.2830

■ 1.6820, 2.9631,
0.6819

■ 105.8259,
127.8373, 97.1066

■ 0.4450, 1.1125,
0.0000

134.4892,
160.7838, 125.6035

■ 0.0000, 0.0000,
0.0000

167.9105,

198.9540, 159.1922

206.4551,
242.7323, 198.2914

■ 21.0918, 28.0076,
16.3509

■ 21.0918, 28.0076,
16.3509

■ 19.0191, 27.0185,
12.7035

■ 23.4900, 29.1497,
20.7599

■ 17.2552, 26.1722,
9.7727

■ 26.2253, 30.4473,
25.9682

■ 15.7849, 25.4628,
7.5117


■ 29.3111, 31.9075,
32.0134


■ 14.5908, 24.8824,
5.8675


■ 32.7598, 33.5358,
38.9302


■ 13.6536, 24.4223,
4.7789


■ 36.5827, 35.3375,
46.7511


 12.9492, 24.0721,
4.1649

 40.7911, 37.3175,
55.5072

 12.6878, 23.9417,
3.9525

 45.3953, 39.4807,
65.2280

 50.4057, 41.8317,
75.9416

 55.8319, 44.3749,
87.6752

Harmonies

Analogous

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



24.5113, 28.0076, 12.5692



21.0918, 28.0076, 16.3509



19.2655, 28.0076, 24.5974

Triad

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



21.0918, 28.0076, 16.3509



24.4723, 28.0076, 60.3443



35.6563, 28.0076, 24.6998

Complementary

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



21.0918, 28.0076, 16.3509



21.2900, 17.0571, 33.1821

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.



35.6429, 28.0076, 37.2682



21.0918, 28.0076, 16.3509



28.8472, 28.0076, 60.3942

Square

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



21.0918, 28.0076, 16.3509



21.0660, 28.0076, 50.9581



33.0394, 28.0076, 51.0798



33.0742, 28.0076, 16.4080

Rectangle

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



21.0918, 28.0076, 16.3509



19.0541, 28.0076, 32.5911



33.0394, 28.0076, 51.0798



35.9637, 28.0076, 28.4918

Sweetspot

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



21.0925, 28.0088, 16.3515



49.2459, 55.6057, 50.9395



25.1120, 26.4760, 15.8438



10.9929, 12.5133, 11.2300



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



21.0925, 28.0088, 16.3515



34.6319, 48.6588, 23.7342



19.8977, 27.3213, 19.5303



6.2824, 7.0030, 6.6264



10.2231, 19.2461, 3.1761



0.1843, 0.3039, 0.0490

Inverse Universe

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



21.2900, 17.0571, 33.1821



35.0272, 25.9048, 58.6903



23.0400, 18.0693, 28.2943



6.2969, 6.2389, 7.8013



10.2320, 4.7258, 25.2806



0.1871, 0.0883, 0.3795

Previews

White Background



This preview shows how the XYZ color 21.0918, 28.0076, 16.3509 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 21.0918, 28.0076, 16.3509 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 21.0918, 28.0076, 16.3509

Background



This preview shows how black text looks on a background with the XYZ color 21.0918, 28.0076, 16.3509.



This preview shows how white text looks on a background with the XYZ color 21.0918, 28.0076,

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

21.0918, 28.0076, 16.3509

Protanopia

25.7491, 27.8407, 14.8431

Deuteranopia

28.3818, 27.8344, 16.9734



Tritanopia

25.3054, 28.0430, 36.8800

Trichromacy



Original Color

21.0918, 28.0076, 16.3509

Protanomaly

23.7321, 27.7056, 15.4062

Deuteranomaly

25.1839, 27.5051, 16.8136

Tritanomaly

23.5392, 28.0331, 28.2150

Monochromacy



Original Color

21.0918, 28.0076, 16.3509

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

22.6646, 26.0689, 22.9060

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0918, 28.0076, 16.3509 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(115, 155, 100)` looks like.

```
.text, #text, p{  
    color:rgb(115, 155, 100)  
}
```

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(115, 155, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 155, 100) }
```

Border

The CSS property to change the border of an element to XYZ 21.0918, 28.0076, 16.3509 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(115, 155, 100) }
```


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

```
.border{ border-color:rgb(115, 155, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 155, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 155, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 155, 100);  
box-shadow:4px 4px 4px 4px rgb(115, 155,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0918, 28.0076, 16.3509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 155, 100) }
```

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

```
.background{ background-color: rgb(115,  
155, 100) }
```

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