

Converting Colors

XYZ(21.2045, 28.9918, 20.1012)

Have a look what the booklet for
XYZ(21.2045, 28.9918, 20.1012)
contains.

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Color

**XYZ(21.2045, 28.9918,
20.1012)**

Conversions

Conversions Part 1

Format	Color
Hex	699F71
RGB	105, 159, 113
RGB Percent	41%, 62%, 44%
CMY	0.5882, 0.3765, 0.5569
CMYK	0.34, 0.00, 0.29, 0.38
HSL	129°, 22%, 52%
HSV	129°, 34%, 62%
XYZ	21.2045, 28.9918, 20.1012
YIQ	137.6100, -17.4180, -25.7540

Conversions

Conversions Part 2

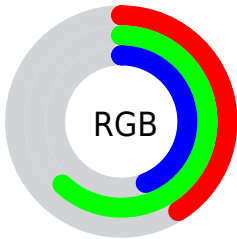
Format	Color
RYB	105, 152, 159
Decimal	6922097
CIELab	60.77, -27.67, 18.49
CIELCh	61, 33.283, 146.254
Yxy	28.9918, 0.3016, 0.4124
Android (android.graphics.Color)	4285112177 (0xFF699F71)
YUV	137.6100, -12.1327, -28.5990
Hunter-Lab	53.8440, -23.9314, 15.5565

Details

The XYZ color **21.2045, 28.9918, 20.1012** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **24.9366, 19.7091, 31.7693**, and the grayscale version is **24.0591, 25.3120, 27.5648**.

A 20% lighter version of the original color is **44.9386, 58.0788, 44.4391**, and **7.7874, 11.7093, 6.8507** is the 20% darker color. If you saturate the color by 10%, you get **18.8023, 27.8359, 16.3011**, and if you desaturate by 10%, it is **24.0713, 30.3757, 24.5184**.

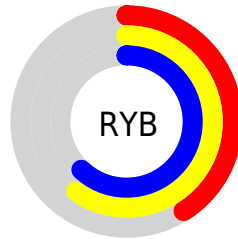
Distribution



Red (41%)

Green (62%)

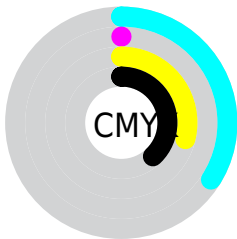
Blue (44%)



Red (41%)

Yellow (60%)

Blue (62%)

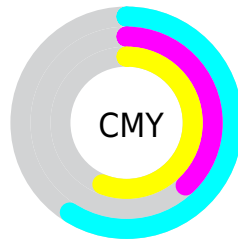


Cyan (34%)

Magenta (0%)

Yellow (29%)

Black (38%)



Cyan (59%)

Magenta (38%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.2045, 28.9918, 20.1012 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 21.2045, 28.9918, 20.1012 by changing the saturation by 10% instead.

■ 21.2045, 28.9918,
20.1012

■ 21.2045, 28.9918,
20.1012

251.0745,
297.1763, 265.0848

■ 13.3869, 19.0746,
12.2838

■ 44.9163, 58.0641,
44.4480

■ 7.7743, 11.7242,
6.8124

■ 61.5413, 77.9879,
61.8145

■ 4.0015, 6.5562,
3.2684

■ 81.8327, 102.0161,
83.2011

■ 1.7030, 3.1861,
1.2333

■ 106.1560,
130.5331, 109.0263

■ 0.4581, 1.2297,
0.0061

134.8764,
163.9232, 139.7088

■ 0.0000, 0.0857,
0.0000

168.3594,

■ 0.0000, 0.0000,

202.5708, 175.6670

0.0000

206.9703,
246.8604, 217.3195

■ 21.2045, 28.9918,
20.1012

■ 21.2045, 28.9918,
20.1012

■ 18.8023, 27.8359,
16.3011

■ 24.0713, 30.3757,
24.5184

■ 16.8378, 26.8922,
13.0889

■ 27.4231, 31.9952,
29.5765

■ 15.2849, 26.1488,
10.4356


■ 31.2818, 33.8617,
35.3002


■ 14.1140, 25.5910,
8.3093


■ 35.6674, 35.9852,
41.7126


■ 13.2911, 25.2021,
6.6748


■ 40.5988, 38.3749,
48.8355

 12.7760, 24.9622,
5.4924

 46.0938, 41.0395,
56.6899

 12.5590, 24.8615,
4.9770

 52.1697, 43.9875,
65.2956

 58.8426, 47.2269,
74.6720

 66.1285, 50.7655,
84.8376

Harmonies

Analogous

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



24.0392, 28.9918, 14.6657



21.2045, 28.9918, 20.1012



20.0641, 28.9918, 30.0369

Triad

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



21.2045, 28.9918, 20.1012



27.0162, 28.9918, 61.7877



35.7052, 28.9918, 22.1622

Complementary

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



21.2045, 28.9918, 20.1012



24.9366, 19.7091, 31.7693

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.



36.7128, 28.9918, 33.1485



21.2045, 28.9918, 20.1012



31.3997, 28.9918, 58.0997

Square

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



21.2045, 28.9918, 20.1012



23.1904, 28.9918, 55.7945



35.0635, 28.9918, 46.7282



32.4373, 28.9918, 15.6188

Rectangle

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



21.2045, 28.9918, 20.1012



20.3198, 28.9918, 38.7119



35.0635, 28.9918, 46.7282



36.3333, 28.9918, 25.3604

Sweetspot

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



21.2053, 28.9930, 20.1018



51.6086, 58.5060, 56.6913



27.8606, 32.4737, 18.1646



11.4341, 13.0929, 12.4819



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



21.2053, 28.9930, 20.1018



34.5426, 50.2683, 30.5869



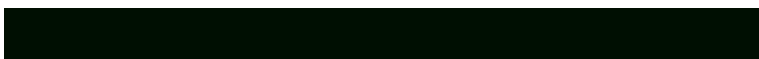
22.8995, 29.6707, 29.0238



6.5888, 7.4163, 7.2693



9.9293, 19.6396, 3.9846



0.1875, 0.3552, 0.1238

Inverse Universe

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



24.9366, 19.7091, 31.7693



42.2875, 30.9817, 54.7924



23.0394, 18.9503, 21.7792



6.8619, 6.7377, 8.1238



14.7839, 7.2181, 18.9109



0.2748, 0.1332, 0.3931

Previews

White Background



This preview shows how the XYZ color 21.2045, 28.9918, 20.1012 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 21.2045, 28.9918, 20.1012 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 21.2045, 28.9918, 20.1012

Background



This preview shows how black text looks on a background with the XYZ color 21.2045, 28.9918, 20.1012.



This preview shows how white text looks on a background with the XYZ color 21.2045, 28.9918,

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

21.2045, 28.9918, 20.1012

Protanopia

26.8374, 28.7874, 18.0520

Deuteranopia

29.1665, 28.5866, 20.8101



Tritanopia

25.0900, 28.8179, 39.8373

Trichromacy



Original Color

21.2045, 28.9918, 20.1012

Protanomaly

24.3082, 28.6406, 18.7150

Deuteranomaly

25.4402, 28.2394, 20.6329

Tritanomaly

23.4652, 28.8975, 31.5352

Monochromacy



Original Color

21.2045, 28.9918, 20.1012

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

22.8455, 26.5784, 24.6949

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2045, 28.9918, 20.1012 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(105, 159, 113)` looks like.

```
.text, #text, p{  
    color:rgb(105, 159, 113)  
}
```

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(105, 159, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 159, 113) }
```

Border

The CSS property to change the border of an element to XYZ 21.2045, 28.9918, 20.1012 is called "border". The border property can be set on classes, ids or directly on the HTML element.

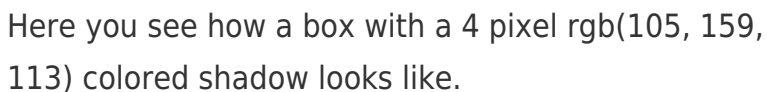
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 159, 113) }
```


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

```
.border{ border-color:rgb(105, 159, 113) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 159, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 159, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 159, 113);  
box-shadow:4px 4px 4px 4px rgb(105, 159,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2045, 28.9918, 20.1012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 159, 113) }
```

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

```
.background{ background-color: rgb(105,  
159, 113) }
```

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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