

Converting Colors

XYZ(20.5685, 28.6742, 21.9189)

Have a look what the booklet for
XYZ(20.5685, 28.6742, 21.9189)
contains.

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Color

**XYZ(20.5518, 28.6150,
21.8928)**

Conversions

Conversions Part 1

Format	Color
Hex	609F77
RGB	96, 159, 119
RGB Percent	38%, 62%, 47%
CMY	0.6235, 0.3765, 0.5333
CMYK	0.40, 0.00, 0.25, 0.38
HSL	142°, 25%, 50%
HSV	142°, 40%, 62%
XYZ	20.5518, 28.6150, 21.8928
YIQ	135.6030, -24.7080, -25.7960

Conversions

Conversions Part 2

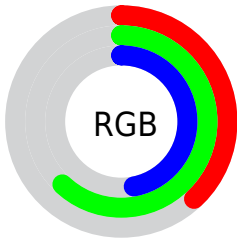
Format	Color
R_{YB}	96, 142, 159
Decimal	6332279
CIE _{Lab}	60.44, -29.38, 14.63
CIE _{LCh}	60, 32.818, 153.535
Y _{xy}	28.6150, 0.2892, 0.4027
Android (android.graphics.Color)	4284522359 (0xFF609F77)
YUV	135.6030, -8.1853, -34.7318
Hunter-Lab	53.4930, -25.0337, 13.1798

Details

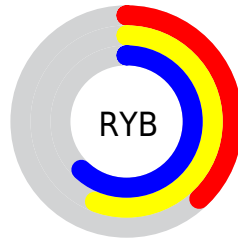
The XYZ color **20.5518, 28.6150, 21.8928** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.9259, 17.5149, 25.4661**, and the grayscale version is **23.2902, 24.5031, 26.6839**.

A 20% lighter version of the original color is **43.7917, 57.4230, 47.3038**, and **7.4454, 11.5155, 7.6246** is the 20% darker color. If you saturate the color by 10%, you get **18.4707, 27.6093, 18.7970**, and if you desaturate by 10%, it is **23.0372, 29.8232, 25.3450**.

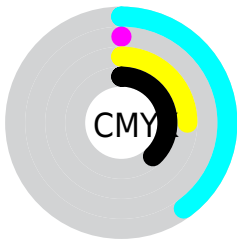
Distribution



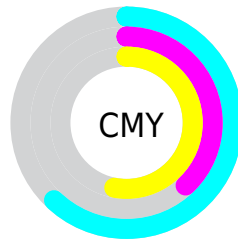
- Red (38%)
- Green (62%)
- Blue (47%)



- Red (38%)
- Yellow (56%)
- Blue (62%)



- Cyan (40%)
- Magenta (0%)
- Yellow (25%)
- Black (38%)



- Cyan (62%)
- Magenta (38%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5518, 28.6150, 21.8928 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 20.5518, 28.6150, 21.8928 by changing the saturation by 10% instead.

■ 20.5518, 28.6150,
21.8928

■ 20.5518, 28.6150,
21.8928

247.6639,
295.3941, 274.9212

■ 12.9074, 18.7898,
13.5806

■ 43.8373, 57.4648,
47.4687

■ 7.4413, 11.5185,
7.6941

■ 60.2091, 77.2582,
65.5694

■ 3.7884, 6.4167,
3.8149

■ 80.2208, 101.1431,
87.7701

■ 1.5831, 3.1001,
1.5244

■ 104.2376,
129.5039, 114.4892

■ 0.3814, 1.1842,
0.2360

132.6250,
162.7250, 146.1453

■ 0.0000, 0.0487,
0.0000

165.7482,

■ 0.0000, 0.0000,

201.1908, 183.1570

0.0000

203.9728,
245.2857, 225.9428

■ 20.5518, 28.6150,
21.8928

■ 20.5518, 28.6150,
21.8928

■ 18.4707, 27.6093,
18.7970

■ 23.0372, 29.8232,
25.3450

■ 16.7692, 26.7913,
16.0443

■ 25.9453, 31.2409,
29.1626

■ 15.4230, 26.1496,
13.6230


■ 29.2962, 32.8790,
33.3568


■ 14.4043, 25.6699,
11.5202


■ 33.1080, 34.7466,
37.9376


■ 13.6804, 25.3358,
9.7222


■ 37.3975, 36.8523,
42.9147


 13.1808, 25.1111,
8.2125

 42.1811, 39.2041,
48.2974

 13.1636, 25.1033,
8.1609

 47.4740, 41.8099,
54.0946

 53.2910, 44.6770,
60.3152

 59.6462, 47.8125,
66.9676

Harmonies

Analogous

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



22.9505, 28.6150, 15.5042



20.5518, 28.6150, 21.8928



19.8659, 28.6150, 32.6141

Triad

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



20.5518, 28.6150, 21.8928



27.7019, 28.6150, 60.6396



34.5499, 28.6150, 19.9864

Complementary

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



20.5518, 28.6150, 21.8928



22.9259, 17.5149, 25.4661

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.



36.1423, 28.6150, 29.7437



20.5518, 28.6150, 21.8928



31.9390, 28.6150, 54.8632

Square

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



20.5518, 28.6150, 21.8928



23.7343, 28.6150, 56.9827



35.1410, 28.6150, 42.7230



30.9826, 28.6150, 14.6204

Rectangle

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



20.5518, 28.6150, 21.8928



20.4064, 28.6150, 41.4056



35.1410, 28.6150, 42.7230



35.3498, 28.6150, 22.7564

Sweetspot

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



20.5526, 28.6162, 21.8934



50.8230, 58.0776, 57.7136



24.8188, 30.9563, 15.7337



11.2911, 13.0119, 12.8042



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.



20.5526, 28.6162, 21.8934



33.3198, 49.5603, 34.0357



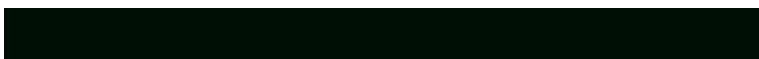
22.6918, 29.4719, 33.1584



6.6458, 7.4391, 7.5696



10.4153, 19.8340, 6.5438



0.2057, 0.3624, 0.2195

Inverse Universe

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



22.9259, 17.5149, 25.4661



38.1961, 26.7167, 41.3505



21.0548, 16.7665, 15.6132



6.8013, 6.7134, 7.8048



13.1671, 6.5714, 10.3971



0.2551, 0.1254, 0.2897

Previews

White Background



This preview shows how the XYZ color 20.5518, 28.6150, 21.8928 looks on a white background.

Color Contrast Check

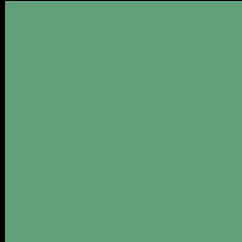
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.5518, 28.6150, 21.8928 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 20.5518, 28.6150, 21.8928

Background



This preview shows how black text looks on a background with the XYZ color 20.5518, 28.6150, 21.8928.



This preview shows how white text looks on a background with the XYZ color 20.5518, 28.6150,

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

20.5518, 28.6150, 21.8928

Protanopia

26.5676, 28.3892, 19.4086

Deuteranopia

28.8896, 28.4017, 22.6983



Tritanopia

24.1266, 28.5632, 39.8390

Trichromacy



Original Color

20.5518, 28.6150, 21.8928

Protanomaly

23.8324, 28.1188, 20.3910

Deuteranomaly

24.9311, 27.9353, 22.4904

Tritanomaly

22.5461, 28.4056, 32.3115

Monochromacy



Original Color

20.5518, 28.6150, 21.8928

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

21.8877, 25.6232, 24.9113

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5518, 28.6150, 21.8928 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(96, 159, 119)` looks like.

```
.text, #text, p{  
    color:rgb(96, 159, 119)  
}
```

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(96, 159, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 159, 119) }
```

Border

The CSS property to change the border of an element to XYZ 20.5518, 28.6150, 21.8928 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(96, 159, 119) }
```


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

```
.border{ border-color:rgb(96, 159, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 159, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 159, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 159, 119);  
box-shadow:4px 4px 4px 4px rgb(96, 159,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5518, 28.6150, 21.8928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 159, 119) }
```

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

```
.background{ background-color: rgb(96, 159,  
119) }
```

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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