

Converting Colors

XYZ(20.8551, 27.3547, 18.0907)

Have a look what the booklet for
XYZ(20.8551, 27.3547, 18.0907)
contains.

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Color

**XYZ(20.8551, 27.3547,
18.0907)**

Conversions

Conversions Part 1

Format	Color
Hex	71996B
RGB	113, 153, 107
RGB Percent	44%, 60%, 42%
CMY	0.5569, 0.4000, 0.5804
CMYK	0.26, 0.00, 0.30, 0.40
HSL	112°, 18%, 51%
HSV	112°, 30%, 60%
XYZ	20.8551, 27.3547, 18.0907
YIQ	135.7960, -9.0740, -22.7860

Conversions

Conversions Part 2

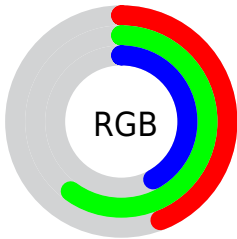
Format	Color
R_{YB}	107, 153, 147
Decimal	7444843
CIE _{Lab}	59.30, -23.00, 19.88
CIE _{LCh}	59, 30.400, 139.162
Yxy	27.3547, 0.3146, 0.4126
Android (android.graphics.Color)	4285634923 (0xFF71996B)
YUV	135.7960, -14.1964, -19.9921
Hunter-Lab	52.3017, -20.3519, 16.1033

Details

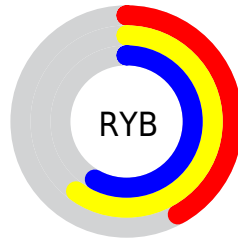
The XYZ color **20.8551, 27.3547, 18.0907** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **23.0413, 19.0191, 32.5951**, and the grayscale version is **23.3798, 24.5974, 26.7866**.

A 20% lighter version of the original color is **44.5398, 55.7219, 41.2088**, and **7.5907, 10.8753, 5.8367** is the 20% darker color. If you saturate the color by 10%, you get **18.5324, 26.2430, 14.1455**, and if you desaturate by 10%, it is **23.5727, 28.6551, 22.7991**.

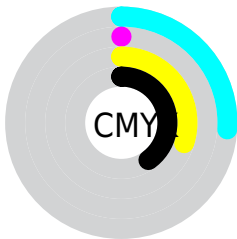
Distribution



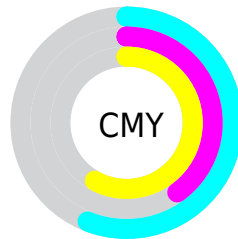
- Red (44%)
- Green (60%)
- Blue (42%)



- Red (42%)
- Yellow (60%)
- Blue (58%)



- Cyan (26%)
- Magenta (0%)
- Yellow (30%)
- Black (40%)



- Cyan (56%)
- Magenta (40%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.8551, 27.3547, 18.0907 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 20.8551, 27.3547, 18.0907 by changing the saturation by 10% instead.

■ 20.8551, 27.3547,
18.0907

■ 20.8551, 27.3547,
18.0907

249.2537,
289.3704, 253.6350

■ 13.1300, 17.8398,
10.8450

■ 44.3394, 55.4525,
41.0078

■ 7.5957, 10.8350,
5.8499

■ 60.8292, 74.8042,
57.5164

■ 3.8870, 5.9560,
2.6867

■ 80.9713, 98.2037,
77.9496

■ 1.6384, 2.8184,
0.9367

■ 105.1311,
126.0352, 102.7261

■ 0.4172, 1.0376,
0.0000

133.6739,
158.6833, 132.2643

■ 0.0000, 0.0000,
0.0000

166.9650,

196.5322, 166.9828

205.3698,
239.9665, 207.3002

■ 20.8551, 27.3547,
18.0907

■ 20.8551, 27.3547,
18.0907

■ 18.5324, 26.2430,
14.1455

■ 23.5727, 28.6551,
22.7991

■ 16.5841, 25.3080,
10.9216

■ 26.7002, 30.1487,
28.3060

■ 14.9909, 24.5414,
8.3759


■ 30.2544, 31.8443,
34.6467


■ 13.7312, 23.9331,
6.4600


■ 34.2507, 33.7491,
41.8539


■ 12.7808, 23.4718,
5.1189


■ 38.7036, 35.8699,
49.9585


 12.1121, 23.1448,
4.2884

 43.6269, 38.2132,
58.9897

 11.6793, 22.9318,
3.8107

 49.0339, 40.7851,
68.9758

 54.9373, 43.5918,
79.9434

 61.3494, 46.6390,
91.9186

Harmonies

Analogous

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



23.6748, 27.3547, 14.0701



20.8551, 27.3547, 18.0907



19.4643, 27.3547, 26.0210

Triad

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



20.8551, 27.3547, 18.0907



24.6501, 27.3547, 55.4224



33.5292, 27.3547, 23.4314

Complementary

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



20.8551, 27.3547, 18.0907



23.0413, 19.0191, 32.5951

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.



33.8554, 27.3547, 33.8947



20.8551, 27.3547, 18.0907



28.4723, 27.3547, 54.2419

Square

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



20.8551, 27.3547, 18.0907



21.5091, 27.3547, 48.5837



31.9279, 27.3547, 45.6686



31.0758, 27.3547, 16.5939

Rectangle

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



20.8551, 27.3547, 18.0907



19.4337, 27.3547, 33.2417



31.9279, 27.3547, 45.6686



33.8997, 27.3547, 26.5760

Sweetspot

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



20.8558, 27.3559, 18.0913



48.3487, 54.2452, 51.6377



26.2049, 28.6611, 18.0613



10.4976, 11.8928, 11.0860



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



20.8558, 27.3559, 18.0913



34.5071, 47.6283, 27.5544



21.0851, 27.3614, 23.1953



6.2034, 6.9623, 6.6227



9.6696, 18.9607, 3.1501



0.1616, 0.2922, 0.0479

Inverse Universe

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



23.0413, 19.0191, 32.5951



39.0509, 30.2651, 57.7555



22.8489, 19.0698, 25.8198



6.3820, 6.2828, 7.8053



12.7725, 6.0355, 25.3995



0.2102, 0.1002, 0.3806

Previews

White Background



This preview shows how the XYZ color 20.8551, 27.3547, 18.0907 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 20.8551, 27.3547, 18.0907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

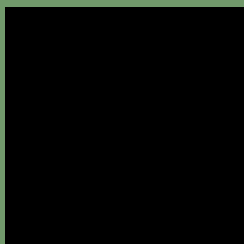
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.8551, 27.3547, 18.0907

Background



This preview shows how black text looks on a background with the XYZ color 20.8551, 27.3547, 18.0907.



This preview shows how white text looks on a background with the XYZ color 20.8551, 27.3547,

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

20.8551, 27.3547, 18.0907

Protanopia

25.2081, 27.0776, 16.4683

Deuteranopia

27.7513, 27.2545, 18.8369



Tritanopia

24.4765, 27.1640, 36.3009

Trichromacy



Original Color

20.8551, 27.3547, 18.0907

Protanomaly

23.2588, 26.9605, 17.0747

Deuteranomaly

24.6696, 26.9738, 18.6581

Tritanomaly

23.0154, 27.2809, 28.4788

Monochromacy



Original Color

20.8551, 27.3547, 18.0907

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.2768, 25.4159, 23.1337

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.8551, 27.3547, 18.0907 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(113, 153, 107)` looks like.

```
.text, #text, p{  
    color:rgb(113, 153, 107)  
}
```

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(113, 153, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 153, 107) }
```

Border

The CSS property to change the border of an element to XYZ 20.8551, 27.3547, 18.0907 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(113, 153, 107) }
```


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

```
.border{ border-color:rgb(113, 153, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 153, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 153, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 153, 107);  
box-shadow:4px 4px 4px 4px rgb(113, 153,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 20.8551, 27.3547, 18.0907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 153, 107) }
```

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

```
.background{ background-color: rgb(113,  
153, 107) }
```

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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