

Converting Colors

XYZ(20.4500, 30.2859, 18.1721)

Have a look what the booklet for
XYZ(20.4500, 30.2859, 18.1721)
contains.

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Color

**XYZ(20.4186, 30.2055,
18.1187)**

Conversions

Conversions Part 1

Format	Color
Hex	5CA569
RGB	92, 165, 105
RGB Percent	36%, 65%, 41%
CMY	0.6392, 0.3529, 0.5882
CMYK	0.44, 0.00, 0.36, 0.35
HSL	131°, 29%, 50%
HSV	131°, 44%, 65%
XYZ	20.4186, 30.2055, 18.1187
YIQ	136.3330, -24.2480, -34.1360

Conversions

Conversions Part 2

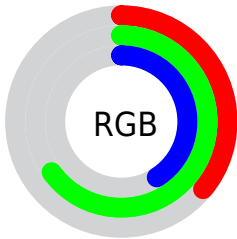
Format	Color
RYB	92, 154, 165
Decimal	6071657
CIELab	61.83, -36.02, 24.18
CIELCh	62, 43.389, 146.124
Yxy	30.2055, 0.2970, 0.4394
Android (android.graphics.Color)	4284261737 (0xFF5CA569)
YUV	136.3330, -15.4472, -38.8800
Hunter-Lab	54.9595, -29.8627, 18.9253

Details

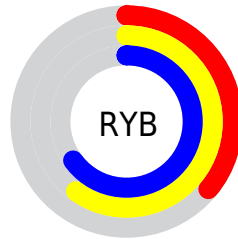
The XYZ color **20.4186, 30.2055, 18.1187** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **25.0127, 17.9213, 31.8478**, and the grayscale version is **23.5900, 24.8185, 27.0274**.

A 20% lighter version of the original color is **43.7963, 60.2582, 41.2210**, and **7.3320, 12.2958, 5.8578** is the 20% darker color. If you saturate the color by 10%, you get **18.3041, 29.1905, 14.6669**, and if you desaturate by 10%, it is **23.0049, 31.4526, 22.1742**.

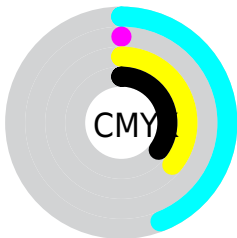
Distribution



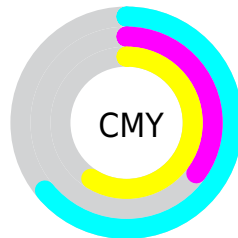
- Red (36%)
- Green (65%)
- Blue (41%)



- Red (36%)
- Yellow (60%)
- Blue (65%)



- Cyan (44%)
- Magenta (0%)
- Yellow (36%)
- Black (35%)



- Cyan (64%)
- Magenta (35%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.4186, 30.2055, 18.1187 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 20.4186, 30.2055, 18.1187 by changing the saturation by 10% instead.

■ 20.4186, 30.2055,
18.1187

■ 20.4186, 30.2055,
18.1187

246.9629,
302.8612, 253.7978

■ 12.8097, 19.9946,
10.8649

■ 43.6165, 59.9870,
41.0562

■ 7.3737, 12.3911,
5.8630

■ 59.9362, 80.3264,
57.5769

■ 3.7453, 7.0106,
2.6945

■ 79.8903, 104.8108,
78.0237

■ 1.5591, 3.4688,
0.9407

■ 103.8440,
133.8246, 102.8152

■ 0.3655, 1.3811,
0.0000

132.1628,
167.7521, 132.3697

■ 0.0000, 0.2027,
0.0000

165.2120,

■ 0.0000, 0.0000,

206.9778, 167.1060

0.0000

203.3569,
251.8860, 207.4425

■ 20.4186, 30.2055,
18.1187

■ 20.4186, 30.2055,
18.1187

■ 18.3041, 29.1905,
14.6669

■ 23.0049, 31.4526,
22.1742

■ 16.6302, 28.3896,
11.7881

■ 26.0869, 32.9409,
26.8582

■ 15.3656, 27.7881,
9.4516


■ 29.6898, 34.6839,
32.1967


■ 14.4739, 27.3679,
7.6233


■ 33.8364, 36.6927,
38.2135


■ 13.9116, 27.1075,
6.2652


■ 38.5481, 38.9778,
44.9312

 13.6823, 27.0020,
5.6783

 43.8450, 41.5493,
52.3715

 49.7465, 44.4166,
60.5550

 56.2708, 47.5887,
69.5016

 63.4355, 51.0743,
79.2304

Harmonies

Analogous

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



24.0787, 30.2055, 11.7561



20.4186, 30.2055, 18.1187



18.9680, 30.2055, 30.7789

Triad

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



20.4186, 30.2055, 18.1187



27.9630, 30.2055, 76.0899



39.9171, 30.2055, 20.7467

Complementary

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



20.4186, 30.2055, 18.1187



25.0127, 17.9213, 31.8478

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.



41.3191, 30.2055, 35.0927



20.4186, 30.2055, 18.1187



33.8988, 30.2055, 70.6517

Square

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



20.4186, 30.2055, 18.1187



22.9372, 30.2055, 67.1217



38.9864, 30.2055, 54.0683



35.3768, 30.2055, 12.8761

Rectangle

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



20.4186, 30.2055, 18.1187



19.2828, 30.2055, 42.5677



38.9864, 30.2055, 54.0683



40.7952, 30.2055, 24.8007

Sweetspot

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



20.4194, 30.2068, 18.1194



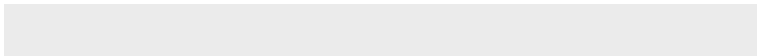
53.8715, 62.4533, 58.6863



28.4935, 34.4405, 15.2714



11.4576, 13.4987, 12.3612



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



20.4194, 30.2068, 18.1194



32.8721, 52.3202, 26.4205



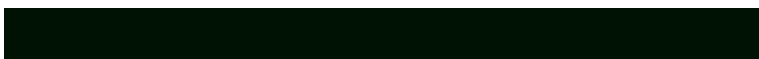
22.6526, 31.1001, 29.8795



7.0347, 7.9147, 7.7944



10.3641, 20.4320, 4.3681



0.2313, 0.4347, 0.1630

Inverse Universe

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



25.0127, 17.9213, 31.8478



42.1477, 27.4647, 54.1086



22.5169, 16.9230, 18.7051



7.3099, 7.1804, 8.6186



15.0966, 7.3947, 18.2313



0.3306, 0.1607, 0.4533

Previews

White Background



This preview shows how the XYZ color 20.4186, 30.2055, 18.1187 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 20.4186, 30.2055, 18.1187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

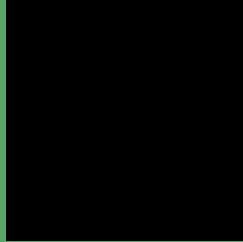
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 20.4186, 30.2055, 18.1187

Background



This preview shows how black text looks on a background with the XYZ color 20.4186, 30.2055, 18.1187.



This preview shows how white text looks on a background with the XYZ color 20.4186, 30.2055,

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

20.4186, 30.2055, 18.1187

Protanopia

27.6500, 29.9538, 15.8796

Deuteranopia

30.1667, 29.5858, 18.8725



Tritanopia

25.2565, 30.0804, 42.5051

Trichromacy



Original Color

20.4186, 30.2055, 18.1187

Protanomaly

24.2237, 29.6165, 16.7518

Deuteranomaly

25.2902, 28.9151, 18.4356

Tritanomaly

23.1259, 29.9836, 31.7627

Monochromacy



Original Color

20.4186, 30.2055, 18.1187

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

21.8811, 26.3412, 23.3331

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.4186, 30.2055, 18.1187 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(92, 165, 105)` looks like.

```
.text, #text, p{  
    color:rgb(92, 165, 105)  
}
```

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(92, 165, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 165, 105) }
```

Border

The CSS property to change the border of an element to XYZ 20.4186, 30.2055, 18.1187 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(92, 165, 105) }
```


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

```
.border{ border-color:rgb(92, 165, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 165, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 165, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 165, 105);  
box-shadow:4px 4px 4px 4px rgb(92, 165,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 20.4186, 30.2055, 18.1187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 165, 105) }
```

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

```
.background{ background-color: rgb(92, 165,  
105) }
```

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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