

Converting Colors

XYZ(19.2822, 24.8443, 20.5812)

Have a look what the booklet for
XYZ(19.2822, 24.8443, 20.5812)
contains.

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Color

**XYZ(19.3155, 24.8454,
20.6072)**

Conversions

Conversions Part 1

Format	Color
Hex	699275
RGB	105, 146, 117
RGB Percent	41%, 57%, 46%
CMY	0.5882, 0.4274, 0.5412
CMYK	0.28, 0.00, 0.20, 0.43
HSL	138°, 16%, 49%
HSV	138°, 28%, 57%
XYZ	19.3155, 24.8454, 20.6072
YIQ	130.4350, -15.1270, -17.7110

Conversions

Conversions Part 2

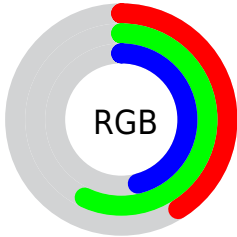
Format	Color
R_{YB}	105, 137, 146
Decimal	6918773
CIE _{Lab}	56.92, -20.37, 10.90
CIE _{LCh}	57, 23.102, 151.838
Y _{xy}	24.8454, 0.2982, 0.3836
Android (android.graphics.Color)	4285108853 (0xFF699275)
YUV	130.4350, -6.6235, -22.3065
Hunter-Lab	49.8452, -18.0585, 10.3797

Details

The XYZ color **19.3155, 24.8454, 20.6072** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.2096, 17.9360, 24.8996**, and the grayscale version is **21.3994, 22.5139, 24.5176**.

A 20% lighter version of the original color is **41.7203, 51.3412, 45.2471**, and **6.7973, 9.4548, 7.0969** is the 20% darker color. If you saturate the color by 10%, you get **17.1716, 23.8072, 17.5103**, and if you desaturate by 10%, it is **21.8222, 26.0642, 24.0718**.

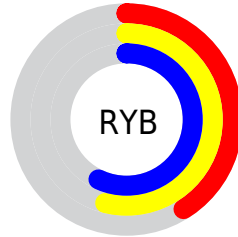
Distribution



Red (41%)

Green (57%)

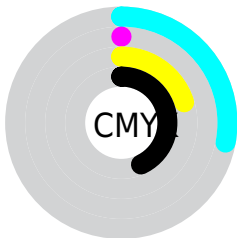
Blue (46%)



Red (41%)

Yellow (54%)

Blue (57%)

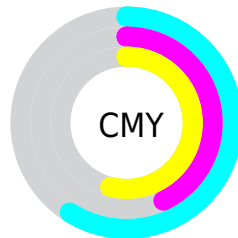


Cyan (28%)

Magenta (0%)

Yellow (20%)

Black (43%)



Cyan (59%)

Magenta (43%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3155, 24.8454, 20.6072 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 19.3155, 24.8454, 20.6072 by changing the saturation by 10% instead.

■ 19.3155, 24.8454,
20.6072

■ 19.3155, 24.8454,
20.6072

241.0898,
277.0671, 267.8957

■ 12.0038, 15.9619,
12.6487

■ 41.7793, 51.4063,
45.3052

■ 6.8185, 9.4972,
7.0592

■ 57.6622, 69.8525,
62.8817

■ 3.3942, 5.0669,
3.4202

■ 77.1328, 92.2551,
84.5014

■ 1.3655, 2.2866,
1.3130

■ 100.5565,
118.9984, 110.5828

■ 0.2314, 0.7666,
0.0724

128.2987,
150.4669, 141.5444

■ 0.0000, 0.0000,
0.0000

160.7248,

187.0449, 177.8047

198.2000,
229.1169, 219.7823

■ 19.3155, 24.8454,
20.6072

■ 19.3155, 24.8454,
20.6072

■ 17.1716, 23.8072,
17.5103

■ 21.8222, 26.0642,
24.0718

■ 15.3714, 22.9380,
14.7675

■ 24.7057, 27.4687,
27.9141

■ 13.8967, 22.2294,
12.3664


■ 27.9817, 29.0673,
32.1457


■ 12.7271, 21.6711,
10.2936


■ 31.6645, 30.8671,
36.7770


■ 11.8398, 21.2517,
8.5346


■ 35.7676, 32.8750,
41.8184


 11.2082, 20.9578,
7.0737


 40.3038, 35.0973,
47.2794

 10.7825, 20.7640,
5.8930

 45.2854, 37.5403,
53.1698

 10.7105, 20.7312,
5.6966

 50.7244, 40.2097,
59.4985

 56.6320, 43.1113,
66.2745

Harmonies

Analogous

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



20.9733, 24.8454, 16.2588



19.3155, 24.8454, 20.6072



18.7837, 24.8454, 27.5334

Triad

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



19.3155, 24.8454, 20.6072



23.7822, 24.8454, 44.8610



28.3201, 24.8454, 19.9241

Complementary

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



19.3155, 24.8454, 20.6072



21.2096, 17.9360, 24.8996

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.



29.2105, 24.8454, 26.5771



19.3155, 24.8454, 20.6072



26.4693, 24.8454, 41.8009

Square

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



19.3155, 24.8454, 20.6072



21.2416, 24.8454, 42.4432



28.5090, 24.8454, 34.7183



26.1585, 24.8454, 15.9206

Rectangle

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



19.3155, 24.8454, 20.6072



19.1039, 24.8454, 32.9869



28.5090, 24.8454, 34.7183



28.7851, 24.8454, 21.8761

Sweetspot

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



19.3162, 24.8464, 20.6078



43.5387, 48.4347, 49.1852



22.7224, 26.6788, 17.3169



9.5206, 10.6943, 10.7248



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



19.3162, 24.8464, 20.6078



31.5060, 42.5847, 32.6726



20.6291, 25.3716, 27.5218



5.7953, 6.4947, 6.5328



9.4336, 18.2462, 5.0590



0.1271, 0.2280, 0.1230

Inverse Universe

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



21.2096, 17.9360, 24.8996



35.4361, 28.2314, 41.5736



19.9370, 17.4270, 18.1983



5.9637, 5.8805, 6.9150



12.6080, 6.2483, 11.9488



0.1672, 0.0816, 0.2141

Previews

White Background



This preview shows how the XYZ color 19.3155, 24.8454, 20.6072 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 19.3155, 24.8454, 20.6072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

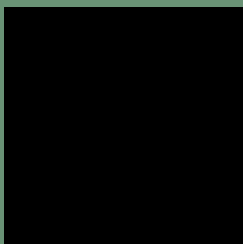
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.3155, 24.8454, 20.6072

Background



This preview shows how black text looks on a background with the XYZ color 19.3155, 24.8454, 20.6072.



This preview shows how white text looks on a background with the XYZ color 19.3155, 24.8454,

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

19.3155, 24.8454, 20.6072

Protanopia

23.2304, 24.7075, 18.8739

Deuteranopia

25.0240, 24.5572, 21.1904



Tritanopia

21.8745, 24.7615, 33.3323

Trichromacy



Original Color

19.3155, 24.8454, 20.6072

Protanomaly

21.6213, 24.7169, 19.5509

Deuteranomaly

22.4505, 24.2586, 20.9519

Tritanomaly

20.7893, 24.7602, 28.1096

Monochromacy



Original Color

19.3155, 24.8454, 20.6072

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.3910, 23.1539, 22.7965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3155, 24.8454, 20.6072 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, 146, 117)` looks like.

```
.text, #text, p{  
    color:rgb(105, 146, 117)  
}
```

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, 146, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 146, 117) }
```

Border

The CSS property to change the border of an element to XYZ 19.3155, 24.8454, 20.6072 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, 146, 117) }
```


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

```
.border{ border-color:rgb(105, 146, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 146, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 146, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 146, 117);  
box-shadow:4px 4px 4px 4px rgb(105, 146,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3155, 24.8454, 20.6072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 146, 117) }
```

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

```
.background{ background-color: rgb(105,  
146, 117) }
```

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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