

Converting Colors

XYZ(20.5765, 16.0287, 13.8137)

Have a look what the booklet for
XYZ(20.5765, 16.0287, 13.8137)
contains.

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Color

**XYZ(20.5765, 16.0287,
13.8137)**

Conversions

Conversions Part 1

Format	Color
Hex	A05C63
RGB	160, 92, 99
RGB Percent	63%, 36%, 39%
CMY	0.3725, 0.6392, 0.6118
CMYK	0.00, 0.42, 0.38, 0.37
HSL	354°, 27%, 49%
HSV	354°, 42%, 63%
XYZ	20.5765, 16.0287, 13.8137
YIQ	113.1300, 38.2810, 16.5930

Conversions

Conversions Part 2

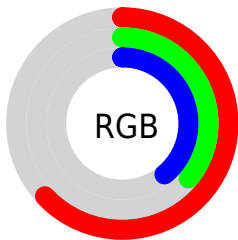
Format	Color
R _Y B	160, 92, 99
Decimal	10509411
CIE Lab	47.01, 28.62, 8.15
CIE LCh	47, 29.758, 15.887
Yxy	16.0287, 0.4081, 0.3179
Android (android.graphics.Color)	4288699491 (0xFFA05C63)
YUV	113.1300, -6.9661, 41.1050
Hunter-Lab	40.0359, 21.6776, 7.5681

Details

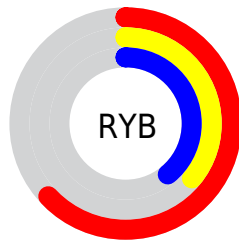
The XYZ color **20.5765, 16.0287, 13.8137** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.7350, 29.7173, 34.6764**, and the grayscale version is **15.7471, 16.5671, 18.0416**.

A 20% lighter version of the original color is **43.9428, 36.5986, 33.6024**, and **7.4871, 5.1226, 3.9623** is the 20% darker color. If you saturate the color by 10%, you get **18.7077, 13.2933, 10.1008**, and if you desaturate by 10%, it is **22.8609, 19.3999, 18.2672**.

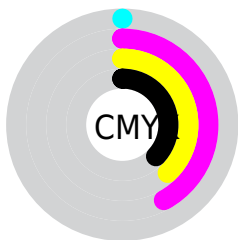
Distribution



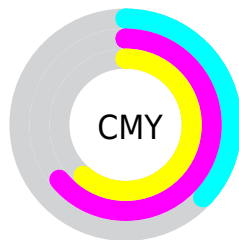
- Red (63%)
- Green (36%)
- Blue (39%)



- Red (63%)
- Yellow (36%)
- Blue (39%)



- Cyan (0%)
- Magenta (42%)
- Yellow (38%)
- Black (37%)



- Cyan (37%)
- Magenta (64%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5765, 16.0287, 13.8137 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 20.5765, 16.0287, 13.8137 by changing the saturation by 10% instead.

■ 20.5765, 16.0287,
13.8137

■ 20.5765, 16.0287,
13.8137

247.7937,
229.5110, 227.4567

■ 12.9255, 9.5445,
7.8539

■ 43.8782, 36.6480,
33.4705

■ 7.4539, 5.0980,
3.9152

■ 60.2597, 51.5519,
48.0045

■ 3.7964, 2.3049,
1.5789

■ 80.2820, 70.0311,
66.2338

■ 1.5876, 0.7763,
0.2757

■ 104.3105, 92.4701,
88.5768

■ 0.3843, 0.0000,
0.0000

132.7106,
119.2531, 115.4520

■ 0.0000, 0.0000,
0.0000

165.8475,

150.7647, 147.2781

204.0868,
187.3892, 184.4735

■ 20.5765, 16.0287,
13.8137

■ 20.5765, 16.0287,
13.8137

■ 18.7077, 13.2933,
10.1008

■ 22.8609, 19.3999,
18.2672

■ 17.2281, 11.1517,
7.0875

■ 25.5825, 23.4408,
23.4976

■ 16.1104, 9.5602,
4.7298

■ 28.7631, 28.1859,
29.5399


■ 15.3231, 8.4685,
2.9788


■ 32.4224, 33.6664,
36.4267

■ 14.8293, 7.8169,
1.7783


■ 36.5793, 39.9118,
44.1886

 14.5943, 7.5124,
1.1894

 41.2513, 46.9499,
52.8551

 46.4554, 54.8071,
62.4538

 52.2076, 63.5087,
73.0116

 58.5232, 73.0787,
84.5540

Harmonies

Analogous

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



20.6256, 16.0287, 21.1882



20.5765, 16.0287, 13.8137



18.9931, 16.0287, 9.0481

Triad

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



20.5765, 16.0287, 13.8137



11.9149, 16.0287, 9.2522



14.0461, 16.0287, 35.3830

Complementary

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



20.5765, 16.0287, 13.8137



22.7350, 29.7173, 34.6764

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.



12.0082, 16.0287, 29.9069



20.5765, 16.0287, 13.8137



10.8761, 16.0287, 14.1840

Square

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



20.5765, 16.0287, 13.8137



13.9047, 16.0287, 6.9737



10.9082, 16.0287, 21.6801



16.6471, 16.0287, 35.1992

Rectangle

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



20.5765, 16.0287, 13.8137



17.3735, 16.0287, 7.3625



10.9082, 16.0287, 21.6801



13.2792, 16.0287, 34.0879

Sweetspot

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



20.5769, 16.0295, 13.8140



51.7605, 50.4825, 52.7568



23.1342, 16.8750, 35.2957



11.0742, 10.6568, 11.0445



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.



20.5769, 16.0295, 13.8140



34.1244, 24.3651, 18.6549



22.9158, 21.2196, 13.0142



6.6594, 6.6567, 7.0577



11.3771, 5.8554, 0.9711



0.2105, 0.1075, 0.0549

Inverse Universe

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



20.5769, 16.0295, 13.8140



34.1244, 24.3651, 18.6549



19.2754, 21.8459, 36.4586



6.6594, 6.6567, 7.0577



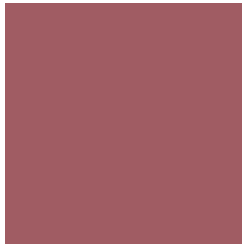
11.3771, 5.8554, 0.9711



0.2105, 0.1075, 0.0549

Previews

White Background



This preview shows how the XYZ color 20.5765, 16.0287, 13.8137 looks on a white background.

Color Contrast Check

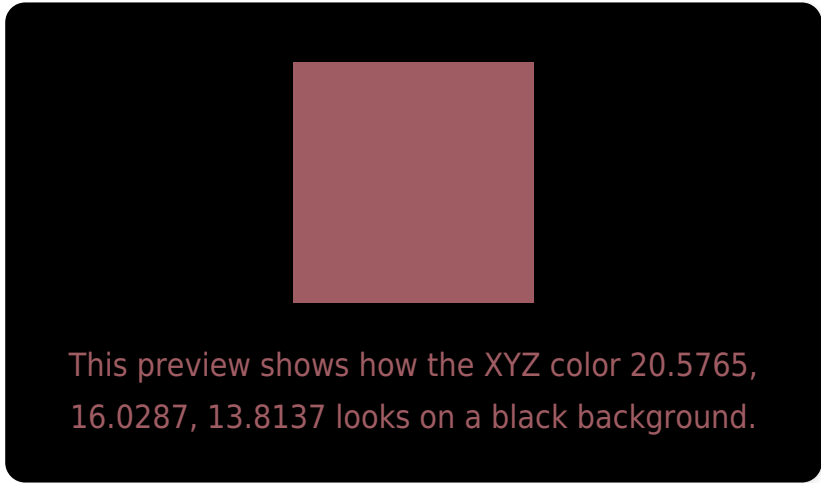
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

XYZ 20.5765, 16.0287, 13.8137

Background



This preview shows how black text looks on a background with the XYZ color 20.5765, 16.0287, 13.8137.



This preview shows how white text looks on a background with the XYZ color 20.5765, 16.0287,

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

20.5765, 16.0287, 13.8137

Protanopia

15.3842, 16.0504, 16.7552

Deuteranopia

16.3760, 16.1588, 13.3222



Tritanopia

20.5765, 16.0287, 13.8137

Trichromacy



Original Color

20.5765, 16.0287, 13.8137

Protanomaly

16.8602, 15.7458, 15.5152

Deuteranomaly

17.7243, 15.9413, 13.4521

Tritanomaly

20.5765, 16.0287, 13.8137

Monochromacy



Original Color

20.5765, 16.0287, 13.8137

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.9643, 15.9317, 16.3684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5765, 16.0287, 13.8137 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(160, 92, 99)` looks like.

```
.text, #text, p{  
    color:rgb(160, 92, 99)  
}
```

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(160, 92, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 92, 99) }
```

Border

The CSS property to change the border of an element to XYZ 20.5765, 16.0287, 13.8137 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(160, 92, 99) }
```


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

```
.border{ border-color:rgb(160, 92, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 92, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 92, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 92, 99);  
box-shadow:4px 4px 4px 4px rgb(160, 92,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5765, 16.0287, 13.8137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 92, 99) }
```

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

```
.background{ background-color: rgb(160, 92,  
99) }
```

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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