

Converting Colors

XYZ(20.9245, 16.5485, 14.1218)

Have a look what the booklet for
XYZ(20.9245, 16.5485, 14.1218)
contains.

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Color

**XYZ(20.8897, 16.5781,
14.1555)**

Conversions

Conversions Part 1

Format	Color
Hex	A05F64
RGB	160, 95, 100
RGB Percent	63%, 37%, 39%
CMY	0.3725, 0.6274, 0.6078
CMYK	0.00, 0.41, 0.37, 0.37
HSL	355°, 25%, 50%
HSV	355°, 41%, 63%
XYZ	20.8897, 16.5781, 14.1555
YIQ	115.0050, 37.1350, 15.3350

Conversions

Conversions Part 2

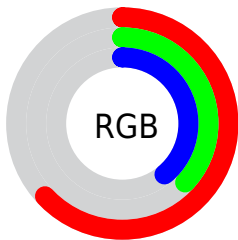
Format	Color
R_{YB}	160, 95, 100
Decimal	10510180
CIE _{Lab}	47.72, 27.07, 8.55
CIE _{LCh}	48, 28.387, 17.532
Yxy	16.5781, 0.4047, 0.3211
Android (android.graphics.Color)	4288700260 (0xFFA05F64)
YUV	115.0050, -7.3975, 39.4606
Hunter-Lab	40.7162, 20.3271, 7.8884

Details

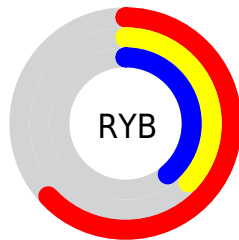
The XYZ color **20.8897, 16.5781, 14.1555** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.2073, 29.9415, 35.5681**, and the grayscale version is **16.3115, 17.1609, 18.6882**.

A 20% lighter version of the original color is **44.4801, 37.5438, 34.1805**, and **7.6262, 5.3635, 4.1233** is the 20% darker color. If you saturate the color by 10%, you get **18.9424, 13.7257, 10.2934**, and if you desaturate by 10%, it is **23.2635, 20.0760, 18.7995**.

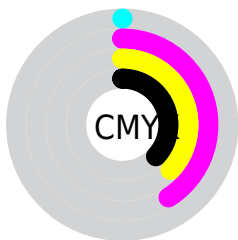
Distribution



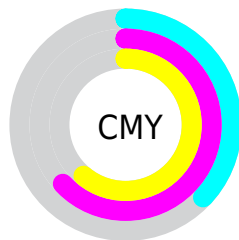
- Red (63%)
- Green (37%)
- Blue (39%)



- Red (63%)
- Yellow (37%)
- Blue (39%)



- Cyan (0%)
- Magenta (41%)
- Yellow (37%)
- Black (37%)



- Cyan (37%)
- Magenta (63%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.8897, 16.5781, 14.1555 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 20.8897, 16.5781, 14.1555 by changing the saturation by 10% instead.

■ 20.8897, 16.5781,
14.1555

■ 20.8897, 16.5781,
14.1555

249.4346,
232.7292, 229.6580

■ 13.1554, 9.9341,
8.0889

■ 44.3966, 37.5989,
34.0858

■ 7.6134, 5.3553,
4.0633

■ 60.8998, 52.7446,
48.7865

■ 3.8983, 2.4572,
1.6601

■ 81.0568, 71.4930,
67.2025

■ 1.6448, 0.8551,
0.3332

■ 105.2328, 94.2285,
89.7520

■ 0.4213, 0.0000,
0.0000

133.7932,
121.3354, 116.8539

■ 0.0000, 0.0000,
0.0000

167.1034,

153.1983, 148.9264

205.5288,
190.2014, 186.3883

■ 20.8897, 16.5781,
14.1555

■ 20.8897, 16.5781,
14.1555

■ 18.9424, 13.7257,
10.2934

■ 23.2635, 20.0760,
18.7995

■ 17.3951, 11.4771,
7.1694

■ 26.0857, 24.2529,
24.2643

■ 16.2202, 9.7895,
4.7365


■ 29.3782, 29.1430,
30.5871


■ 15.3862, 8.6133,
2.9422


■ 33.1612, 34.7774,
37.8027


■ 14.8563, 7.8906,
1.7262


■ 37.4535, 41.1855,
45.9439

 14.5655, 7.5009,
1.0377

 42.2732, 48.3948,
55.0418

 47.6373, 56.4319,
65.1263

 53.5621, 65.3218,
76.2256

 60.0632, 75.0885,
88.3671

Harmonies

Analogous

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



21.0248, 16.5781, 21.2431



20.8897, 16.5781, 14.1555



19.2911, 16.5781, 9.5719

Triad

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



20.8897, 16.5781, 14.1555



12.4210, 16.5781, 10.1560



14.7256, 16.5781, 35.4488

Complementary

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



20.8897, 16.5781, 14.1555



23.2073, 29.9415, 35.5681

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.



12.6832, 16.5781, 30.4637



20.8897, 16.5781, 14.1555



11.4519, 16.5781, 15.1954

Square

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



20.8897, 16.5781, 14.1555



14.3307, 16.5781, 7.7261



11.5425, 16.5781, 22.6021



17.2750, 16.5781, 34.9494

Rectangle

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



20.8897, 16.5781, 14.1555



17.6988, 16.5781, 7.9626



11.5425, 16.5781, 22.6021



13.9627, 16.5781, 34.3130

Sweetspot

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



20.8901, 16.5789, 14.1558



52.3212, 51.3967, 53.5822



23.8756, 17.6507, 35.4064



11.3118, 11.0297, 11.4389



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.



20.8901, 16.5789, 14.1558



34.6100, 25.2373, 19.1216



23.5331, 22.2401, 13.8799



6.6527, 6.6540, 7.0224



11.3534, 5.8459, 0.8459



0.2084, 0.1067, 0.0434

Inverse Universe

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



20.8901, 16.5789, 14.1558



34.6100, 25.2373, 19.1216



19.4413, 21.7240, 36.4263



6.6527, 6.6540, 7.0224



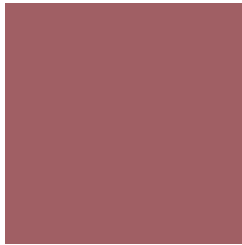
11.3534, 5.8459, 0.8459



0.2084, 0.1067, 0.0434

Previews

White Background



This preview shows how the XYZ color 20.8897, 16.5781, 14.1555 looks on a white background.

Color Contrast Check

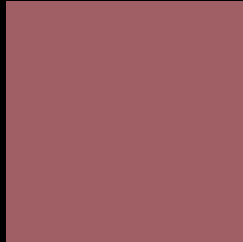
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 20.8897, 16.5781, 14.1555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

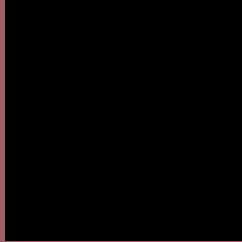
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 20.8897, 16.5781, 14.1555

Background



This preview shows how black text looks on a background with the XYZ color 20.8897, 16.5781, 14.1555.



This preview shows how white text looks on a background with the XYZ color 20.8897, 16.5781,

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

20.8897, 16.5781, 14.1555

Protanopia

16.0557, 16.7180, 17.1325

Deuteranopia

16.8322, 16.5462, 13.6158



Tritanopia

20.9877, 16.6173, 14.6717

Trichromacy



Original Color

20.8897, 16.5781, 14.1555

Protanomaly

17.4284, 16.3352, 15.8701

Deuteranomaly

18.1394, 16.4452, 13.7735

Tritanomaly

20.9384, 16.5976, 14.4120

Monochromacy



Original Color

20.8897, 16.5781, 14.1555

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

17.5371, 16.6762, 17.0464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.8897, 16.5781, 14.1555 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, 95, 100)` looks like.

```
.text, #text, p{  
    color:rgb(160, 95, 100)  
}
```

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, 95, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 95, 100) }
```

Border

The CSS property to change the border of an element to XYZ 20.8897, 16.5781, 14.1555 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, 95, 100) }
```


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

```
.border{ border-color:rgb(160, 95, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 95, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 95, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 95, 100);  
box-shadow:4px 4px 4px 4px rgb(160, 95,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 20.8897, 16.5781, 14.1555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 95, 100) }
```

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

```
.background{ background-color: rgb(160, 95,  
100) }
```

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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