

Converting Colors

XYZ(20.6947, 16.1913, 14.8388)

Have a look what the booklet for
XYZ(20.6947, 16.1913, 14.8388)
contains.

XYZ(20.6606, 16.1789, 14.8659)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(20.6606, 16.1789,
14.8659)**

Conversions

Conversions Part 1

Format	Color
Hex	9F5D67
RGB	159, 93, 103
RGB Percent	62%, 36%, 40%
CMY	0.3765, 0.6353, 0.5961
CMYK	0.00, 0.42, 0.35, 0.38
HSL	351°, 26%, 49%
HSV	351°, 42%, 62%
XYZ	20.6606, 16.1789, 14.8659
YIQ	113.8740, 36.1260, 17.1020

Conversions

Conversions Part 2

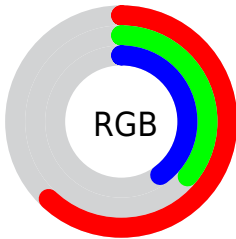
Format	Color
R_{YB}	159, 93, 103
Decimal	10444135
CIE Lab	47.21, 28.18, 5.99
CIE LCh	47, 28.815, 12.008
Yxy	16.1789, 0.3996, 0.3129
Android (android.graphics.Color)	4288634215 (0xFF9F5D67)
YUV	113.8740, -5.3609, 39.5755
Hunter-Lab	40.2230, 21.2965, 6.2433

Details

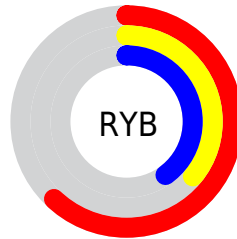
The XYZ color **20.6606, 16.1789, 14.8659** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.3379, 29.2937, 32.9122**, and the grayscale version is **15.9648, 16.7963, 18.2911**.

A 20% lighter version of the original color is **43.8303, 36.7267, 35.3507**, and **7.4779, 5.1656, 4.3443** is the 20% darker color. If you saturate the color by 10%, you get **18.7839, 13.4232, 11.1646**, and if you desaturate by 10%, it is **22.9376, 19.5603, 19.2401**.

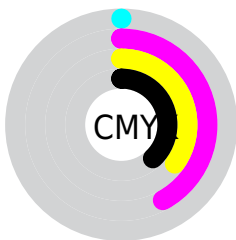
Distribution



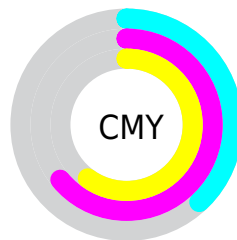
- Red (62%)
- Green (36%)
- Blue (40%)



- Red (62%)
- Yellow (36%)
- Blue (40%)



- Cyan (0%)
- Magenta (42%)
- Yellow (35%)
- Black (38%)



- Cyan (38%)
- Magenta (64%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6606, 16.1789, 14.8659 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 20.6606, 16.1789, 14.8659 by changing the saturation by 10% instead.

■ 20.6606, 16.1789,
14.8659

■ 20.6606, 16.1789,
14.8659

248.2352,
230.3951, 234.1659

■ 12.9872, 9.6508,
8.5797

■ 44.0175, 36.9085,
35.3567

■ 7.4967, 5.1681,
4.3751

■ 60.4318, 51.8788,
50.3985

■ 3.8237, 2.3462,
1.8333

■ 80.4903, 70.4320,
69.1959

■ 1.6029, 0.7980,
0.4498

■ 104.5585, 92.9525,
92.1674

■ 0.3943, 0.0000,
0.0000

133.0018,
119.8247, 119.7316

■ 0.0000, 0.0000,
0.0000

166.1854,

151.4329, 152.3071

204.4748,
188.1615, 190.3123

■ 20.6606, 16.1789,
14.8659

■ 20.6606, 16.1789,
14.8659

■ 18.7839, 13.4232,
11.1646

■ 22.9376, 19.5603,
19.2401

■ 17.2829, 11.2523,
8.1017

■ 25.6351, 23.6000,
24.3176

■ 16.1321, 9.6246,
5.6409


■ 28.7735, 28.3312,
30.1279


■ 15.3025, 8.4917,
3.7420


■ 32.3712, 33.7844,
36.6985


■ 14.7600, 7.7964,
2.3596


■ 36.4460, 39.9880,
44.0558

 14.4638, 7.4372,
1.5419

 41.0144, 46.9690,
52.2245

 46.0922, 54.7530,
61.2284

 51.6945, 63.3645,
71.0905

 57.8359, 72.8269,
81.8326

Harmonies

Analogous

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



20.5005, 16.1789, 22.2943



20.6606, 16.1789, 14.8659



19.2953, 16.1789, 9.8217

Triad

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



20.6606, 16.1789, 14.8659



12.3380, 16.1789, 9.1395



13.9192, 16.1789, 34.5284

Complementary

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



20.6606, 16.1789, 14.8659



22.3379, 29.2937, 32.9122

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.



12.0296, 16.1789, 28.7199



20.6606, 16.1789, 14.8659



11.1882, 16.1789, 13.6429

Square

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



20.6606, 16.1789, 14.8659



14.3846, 16.1789, 7.1785



11.0819, 16.1789, 20.6861



16.4152, 16.1789, 35.1231

Rectangle

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



20.6606, 16.1789, 14.8659



17.7831, 16.1789, 7.9340



11.0819, 16.1789, 20.6861



13.1994, 16.1789, 33.0597

Sweetspot

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



20.6610, 16.1797, 14.8662



51.0980, 50.0847, 53.1605



22.3856, 16.6287, 34.8307



11.3593, 11.0487, 11.6890



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.



20.6610, 16.1797, 14.8662



33.8091, 24.2859, 20.3327



22.4051, 20.4235, 13.1182



6.6720, 6.6617, 7.1238



11.4344, 5.8783, 1.2724



0.2146, 0.1092, 0.0763

Inverse Universe

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



20.6610, 16.1797, 14.8662



33.8091, 24.2859, 20.3327



19.7185, 22.7223, 36.1475



6.6720, 6.6617, 7.1238



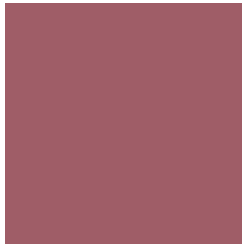
11.4344, 5.8783, 1.2724



0.2146, 0.1092, 0.0763

Previews

White Background



This preview shows how the XYZ color 20.6606, 16.1789, 14.8659 looks on a white background.

Color Contrast Check

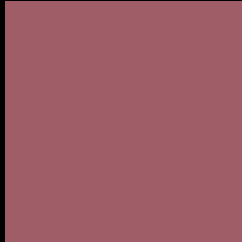
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.6606, 16.1789, 14.8659 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 20.6606, 16.1789, 14.8659

Background



This preview shows how black text looks on a background with the XYZ color 20.6606, 16.1789, 14.8659.



This preview shows how white text looks on a background with the XYZ color 20.6606, 16.1789,

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

20.6606, 16.1789, 14.8659

Protanopia

15.7142, 16.3580, 17.9520

Deuteranopia

16.5649, 16.2344, 14.3171



Tritanopia

20.5127, 16.1197, 14.0869

Trichromacy



Original Color

20.6606, 16.1789, 14.8659

Protanomaly

17.0178, 15.9531, 16.6503

Deuteranomaly

17.8467, 16.1290, 14.4845

Tritanomaly

20.5614, 16.1392, 14.3434

Monochromacy



Original Color

20.6606, 16.1789, 14.8659

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

17.1744, 16.1797, 16.9697

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6606, 16.1789, 14.8659 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(159, 93, 103)` looks like.

```
.text, #text, p{  
    color:rgb(159, 93, 103)  
}
```

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(159, 93, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 93, 103) }
```

Border

The CSS property to change the border of an element to XYZ 20.6606, 16.1789, 14.8659 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(159, 93, 103) }
```


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

```
.border{ border-color:rgb(159, 93, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 93, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 93, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 93, 103);  
box-shadow:4px 4px 4px 4px rgb(159, 93,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6606, 16.1789, 14.8659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 93, 103) }
```

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

```
.background{ background-color: rgb(159, 93,  
103) }
```

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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