

Converting Colors

XYZ(20.7763, 20.5751, 15.9834)

Have a look what the booklet for
XYZ(20.7763, 20.5751, 15.9834)
contains.

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Color

**XYZ(20.8377, 20.6035,
15.9753)**

Conversions

Conversions Part 1

Format	Color
Hex	907968
RGB	144, 121, 104
RGB Percent	56%, 47%, 41%
CMY	0.4353, 0.5255, 0.5922
CMYK	0.00, 0.16, 0.28, 0.44
HSL	26°, 16%, 49%
HSV	26°, 28%, 56%
XYZ	20.8377, 20.6035, 15.9753
YIQ	125.9390, 19.1650, -0.4110

Conversions

Conversions Part 2

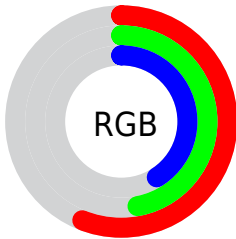
Format	Color
RYB	144, 134, 104
Decimal	9468264
CIELab	52.51, 6.18, 12.64
CIELCh	53, 14.068, 63.956
Yxy	20.6035, 0.3629, 0.3588
Android (android.graphics.Color)	4287658344 (0xFF907968)
YUV	125.9390, -10.8159, 15.8395
Hunter-Lab	45.3911, 2.5097, 10.9068

Details

The XYZ color **20.8377, 20.6035, 15.9753** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.3322, 20.1350, 29.3060**, and the grayscale version is **19.8419, 20.8753, 22.7332**.

A 20% lighter version of the original color is **44.1487, 44.2595, 37.2264**, and **7.6353, 7.3877, 4.8944** is the 20% darker color. If you saturate the color by 10%, you get **19.2047, 18.4096, 12.1253**, and if you desaturate by 10%, it is **22.6831, 23.0220, 20.5129**.

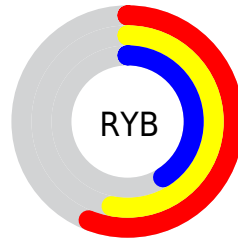
Distribution



Red (56%)

Green (47%)

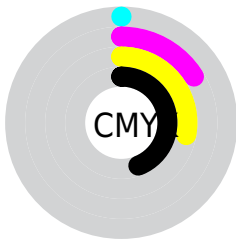
Blue (41%)



Red (56%)

Yellow (53%)

Blue (41%)

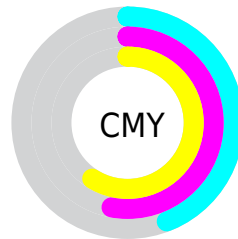


Cyan (0%)

Magenta (16%)

Yellow (28%)

Black (44%)



Cyan (44%)

Magenta (53%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.8377, 20.6035, 15.9753 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 20.8377, 20.6035, 15.9753 by changing the saturation by 10% instead.

■ 20.8377, 20.6035,
15.9753

■ 20.8377, 20.6035,
15.9753

249.1628,
255.1637, 241.0367

■ 13.1172, 12.8345,
9.3525

■ 44.3106, 44.4267,
37.3215

■ 7.5869, 7.3147,
4.8719

■ 60.7937, 61.2497,
52.8820

■ 3.8813, 3.6597,
2.1149

■ 80.9283, 81.8595,
72.2588

■ 1.6352, 1.4851,
0.6246

■ 105.0799,
106.6404, 95.8705

■ 0.4152, 0.2782,
0.0000

133.6138,
135.9769, 124.1356

■ 0.0000, 0.0000,
0.0000

166.8954,

170.2534, 157.4726

205.2899,
209.8542, 196.3001

■ 20.8377, 20.6035,
15.9753

■ 20.8377, 20.6035,
15.9753

■ 19.2047, 18.4096,
12.1253

■ 22.6831, 23.0220,
20.5129

■ 17.7739, 16.4306,
8.9274

■ 24.7473, 25.6687,
25.7686

■ 16.5367, 14.6603,
6.3449

■ 27.0383, 28.5509,
31.7724

■ 15.4833, 13.0907,
4.3371

■ 29.5633, 31.6746,
38.5525

■ 14.6025, 11.7138,
2.8579

■ 32.3290, 35.0454,
46.1355

■ 13.8819, 10.5202,
1.8542

■ 35.3420, 38.6689,
54.5466

■ 13.2995, 9.4969,
1.2240

■ 38.6086, 42.5504,
63.8101

■ 13.1817, 9.2893,
1.0983

■ 42.1348, 46.6953,
73.9493

■ 45.9265, 51.1084,
84.9864

Harmonies

Analogous

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



21.9974, 20.6035, 18.2478



20.8377, 20.6035, 15.9753



19.3905, 20.6035, 15.3498

Triad

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



20.8377, 20.6035, 15.9753



16.9215, 20.6035, 22.9913



21.1882, 20.6035, 29.7606

Complementary

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



20.8377, 20.6035, 15.9753



18.3322, 20.1350, 29.3060

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.



19.7767, 20.6035, 31.4177



20.8377, 20.6035, 15.9753



17.3521, 20.6035, 27.2152

Square

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



20.8377, 20.6035, 15.9753



17.1745, 20.6035, 19.0953



18.3797, 20.6035, 30.4333



22.2067, 20.6035, 26.1402

Rectangle

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



20.8377, 20.6035, 15.9753



18.4684, 20.6035, 15.8771



18.3797, 20.6035, 30.4333



20.7415, 20.6035, 30.5848

Sweetspot

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



20.8382, 20.6044, 15.9757



43.5000, 45.0851, 45.0667



20.3047, 17.3712, 22.4758



9.8546, 10.1851, 10.0232



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.



20.8382, 20.6044, 15.9757



35.0096, 34.0107, 24.0281



23.4763, 25.8806, 16.8551



5.5855, 5.7774, 5.7101



11.5012, 8.1341, 0.9639



0.1311, 0.1200, 0.0162

Inverse Universe

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



18.3322, 20.1350, 29.3060



29.8730, 33.0454, 51.3419



16.0357, 15.5420, 28.5405



5.3708, 5.7373, 6.8531



7.0870, 7.1600, 23.9856



0.0897, 0.1122, 0.2366

Previews

White Background



This preview shows how the XYZ color 20.8377, 20.6035, 15.9753 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 20.8377, 20.6035, 15.9753 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 20.8377, 20.6035, 15.9753

Background



This preview shows how black text looks on a background with the XYZ color 20.8377, 20.6035, 15.9753.



This preview shows how white text looks on a background with the XYZ color 20.8377, 20.6035,

15.9753.

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

20.8377, 20.6035, 15.9753

Protanopia

19.4509, 20.6134, 16.5893

Deuteranopia

21.0131, 20.6940, 15.9835



Tritanopia

22.3418, 20.6922, 22.8951

Trichromacy



Original Color

20.8377, 20.6035, 15.9753

Protanomaly

19.9108, 20.6695, 16.3048

Deuteranomaly

21.0131, 20.6940, 15.9835

Tritanomaly

21.7807, 20.6366, 20.2881

Monochromacy



Original Color

20.8377, 20.6035, 15.9753

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.1505, 20.7099, 20.0749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.8377, 20.6035, 15.9753 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(144, 121, 104)` looks like.

```
.text, #text, p{  
    color:rgb(144, 121, 104)  
}
```

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(144, 121, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 121, 104) }
```

Border

The CSS property to change the border of an element to XYZ 20.8377, 20.6035, 15.9753 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(144, 121, 104) }
```


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

```
.border{ border-color:rgb(144, 121, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 121, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 121, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 121, 104);  
box-shadow:4px 4px 4px 4px rgb(144, 121,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 20.8377, 20.6035, 15.9753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 121, 104) }
```

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

```
.background{ background-color: rgb(144,  
121, 104) }
```

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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