

Converting Colors

XYZ(20.6575, 15.4006, 13.1254)

Have a look what the booklet for
XYZ(20.6575, 15.4006, 13.1254)
contains.

XYZ(20.6701, 15.4660, 13.2051)	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(20.6701, 15.4660,
13.2051)**

Conversions

Conversions Part 1

Format	Color
Hex	A35761
RGB	163, 87, 97
RGB Percent	64%, 34%, 38%
CMY	0.3608, 0.6588, 0.6196
CMYK	0.00, 0.47, 0.40, 0.36
HSL	352°, 30%, 49%
HSV	352°, 47%, 64%
XYZ	20.6701, 15.4660, 13.2051
YIQ	110.8640, 42.0860, 19.2220

Conversions

Conversions Part 2

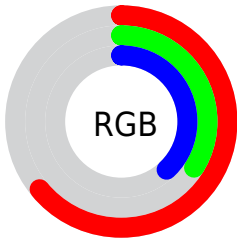
Format	Color
R_{YB}	163, 87, 97
Decimal	10704737
CIE Lab	46.27, 32.29, 8.36
CIE LCh	46, 33.356, 14.510
Yxy	15.4660, 0.4189, 0.3135
Android (android.graphics.Color)	4288894817 (0xFFA35761)
YUV	110.8640, -6.8350, 45.7233
Hunter-Lab	39.3268, 24.9973, 7.6205

Details

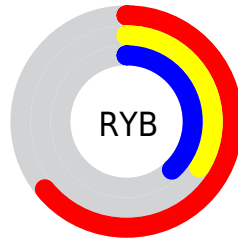
The XYZ color **20.6701, 15.4660, 13.2051** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.7782, 30.5208, 34.8293**, and the grayscale version is **15.0811, 15.8665, 17.2786**.

A 20% lighter version of the original color is **43.8701, 35.4992, 32.1436**, and **7.4750, 4.8134, 3.6671** is the 20% darker color. If you saturate the color by 10%, you get **18.8941, 12.8777, 9.6420**, and if you desaturate by 10%, it is **22.8627, 18.6989, 17.4885**.

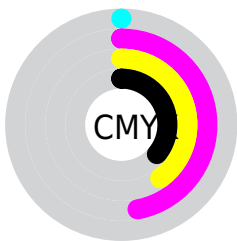
Distribution



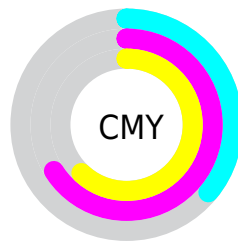
- Red (64%)
- Green (34%)
- Blue (38%)



- Red (64%)
- Yellow (34%)
- Blue (38%)



- Cyan (0%)
- Magenta (47%)
- Yellow (40%)
- Black (36%)



- Cyan (36%)
- Magenta (66%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6701, 15.4660, 13.2051 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 20.6701, 15.4660, 13.2051 by changing the saturation by 10% instead.

■ 20.6701, 15.4660,
13.2051

■ 20.6701, 15.4660,
13.2051

248.2851,
226.1697, 223.4818

■ 12.9942, 9.1471,
7.4375

■ 44.0333, 35.6686,
32.3683

■ 7.5015, 4.8372,
3.6546

■ 60.4512, 50.3211,
46.6011

■ 3.8268, 2.1521,
1.4379

■ 80.5138, 68.5203,
64.4927

■ 1.6046, 0.6937,
0.1710

■ 104.5865, 90.6505,
86.4616

■ 0.3954, 0.0000,
0.0000

■ 133.0346,
117.0962, 112.9265

■ 0.0000, 0.0000,
0.0000

166.2235,

148.2417, 144.3057

204.5186,
184.4714, 181.0180

■ 20.6701, 15.4660,
13.2051

■ 20.6701, 15.4660,
13.2051

■ 18.8941, 12.8777,
9.6420

■ 22.8627, 18.6989,
17.4885

■ 17.5068, 10.8885,
6.7587

■ 25.4949, 22.6133,
22.5280

■ 16.4791, 9.4508,
4.5116


■ 28.5895, 27.2459,
28.3582


■ 15.7768, 8.5087,
2.8521


■ 32.1672, 32.6301,
35.0111


■ 15.3529, 7.9816,
1.7217


■ 36.2477, 38.7975,
42.5170

 15.2437, 7.8423,
1.4413

 40.8493, 45.7776,
50.9047

 45.9897, 53.5984,
60.2015

 51.6854, 62.2867,
70.4338

 57.9525, 71.8680,
81.6266

Harmonies

Analogous

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



20.6397, 15.4660, 21.3894



20.6701, 15.4660, 13.2051



18.9652, 15.4660, 8.0586

Triad

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



20.6701, 15.4660, 13.2051



11.1827, 15.4660, 7.9431



13.2843, 15.4660, 36.9481

Complementary

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



20.6701, 15.4660, 13.2051



22.7782, 30.5208, 34.8293

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.



11.1276, 15.4660, 30.4150



20.6701, 15.4660, 13.2051



10.0255, 15.4660, 12.9860

Square

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



20.6701, 15.4660, 13.2051



13.3690, 15.4660, 5.7563



10.0067, 15.4660, 21.0870



16.1165, 15.4660, 37.0655

Rectangle

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



20.6701, 15.4660, 13.2051



17.1871, 15.4660, 6.2732



10.0067, 15.4660, 21.0870



12.4652, 15.4660, 35.3544

Sweetspot

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



20.6705, 15.4668, 13.2054



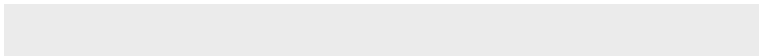
52.6365, 50.9504, 53.4680



23.1312, 16.2209, 36.5620



11.5397, 11.0193, 11.4815



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



20.6705, 15.4668, 13.2054



33.7210, 22.8939, 17.0296



22.9406, 20.7065, 11.8055



7.1099, 7.1004, 7.5654



11.8574, 6.0990, 1.1737



0.2595, 0.1323, 0.0793

Inverse Universe

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



20.6705, 15.4668, 13.2054



33.7210, 22.8939, 17.0296



19.2246, 22.0365, 37.8904



7.1099, 7.1004, 7.5654



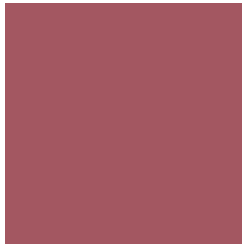
11.8574, 6.0990, 1.1737



0.2595, 0.1323, 0.0793

Previews

White Background



This preview shows how the XYZ color 20.6701, 15.4660, 13.2051 looks on a white background.

Color Contrast Check

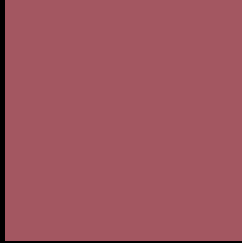
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.6701, 15.4660, 13.2051 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 20.6701, 15.4660, 13.2051

Background



This preview shows how black text looks on a background with the XYZ color 20.6701, 15.4660, 13.2051.



This preview shows how white text looks on a background with the XYZ color 20.6701, 15.4660,

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

20.6701, 15.4660, 13.2051

Protanopia

15.0183, 15.7007, 16.7070

Deuteranopia

15.9268, 15.6282, 12.7668



Tritanopia

20.6144, 15.5741, 12.5093

Trichromacy



Original Color

20.6701, 15.4660, 13.2051

Protanomaly

16.6612, 15.3480, 15.4489

Deuteranomaly

17.3426, 15.3254, 12.8705

Tritanomaly

20.6595, 15.5922, 12.7472

Monochromacy



Original Color

20.6701, 15.4660, 13.2051

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

16.5588, 15.2892, 15.7140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6701, 15.4660, 13.2051 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(163, 87, 97)` looks like.

```
.text, #text, p{  
  color:rgb(163, 87, 97)  
}
```

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(163, 87, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 87, 97) }
```

Border

The CSS property to change the border of an element to XYZ 20.6701, 15.4660, 13.2051 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(163, 87, 97) }
```


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

```
.border{ border-color:rgb(163, 87, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 87, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 87, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 87, 97);  
box-shadow:4px 4px 4px 4px rgb(163, 87,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6701, 15.4660, 13.2051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 87, 97) }
```

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

```
.background{ background-color: rgb(163, 87,  
97) }
```

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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