

Converting Colors

XYZ(16.1529, 10.5465, 6.2141)

Have a look what the booklet for
XYZ(16.1529, 10.5465, 6.2141)
contains.

XYZ(16.2284, 10.5775, 6.1874)	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(16.2284, 10.5775,
6.1874)**

Conversions

Conversions Part 1

Format	Color
Hex	9C3B41
RGB	156, 59, 65
RGB Percent	61%, 23%, 25%
CMY	0.3882, 0.7686, 0.7451
CMYK	0.00, 0.62, 0.58, 0.39
HSL	356°, 45%, 42%
HSV	356°, 62%, 61%
XYZ	16.2284, 10.5775, 6.1874
YIQ	88.6870, 55.8860, 22.4300

Conversions

Conversions Part 2

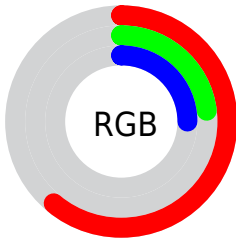
Format	Color
R _Y B	156, 59, 65
Decimal	10238785
CIE Lab	38.86, 40.92, 17.69
CIE LCh	39, 44.583, 23.383
Yxy	10.5775, 0.4919, 0.3206
Android (android.graphics.Color)	4288428865 (0xFF9C3B41)
YUV	88.6870, -11.6777, 59.0335
Hunter-Lab	32.5231, 32.1528, 11.4864

Details

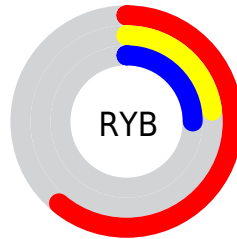
The XYZ color **16.2284, 10.5775, 6.1874** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **19.1978, 26.9090, 33.0383**, and the grayscale version is **9.4431, 9.9349, 10.8191**.

A 20% lighter version of the original color is **36.6894, 27.0082, 18.9021**, and **5.3002, 2.7145, 1.0552** is the 20% darker color. If you saturate the color by 10%, you get **15.1726, 9.0588, 4.0079**, and if you desaturate by 10%, it is **17.6342, 12.6206, 9.0258**.

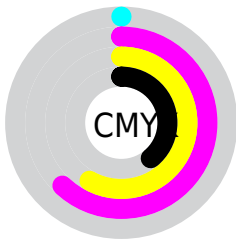
Distribution



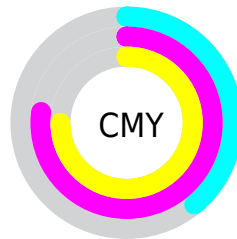
- Red (61%)
- Green (23%)
- Blue (25%)



- Red (61%)
- Yellow (23%)
- Blue (25%)



- Cyan (0%)
- Magenta (62%)
- Yellow (58%)
- Black (39%)





- Cyan (39%)
- Magenta (77%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.2284, 10.5775, 6.1874 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 16.2284, 10.5775, 6.1874 by changing the saturation by 10% instead.


 16.2284, 10.5775,
6.1874

 16.2284, 10.5775,
6.1874


223.9297,
194.7455, 170.0959


 9.7778, 5.7835,
2.8887


 36.5485, 26.8762,
18.8030


 5.3130, 2.7139,
1.0381

 51.1487, 39.1497,
28.9570


 2.4687, 0.9843,
0.0000

 69.1962, 54.6851,
42.2332

 0.8795, 0.0000,
0.0000

 91.0563, 73.8669,
59.0501

 0.0000, 0.0000,
0.0000

 117.0943, 97.0795,
79.8263

 147.6756,

124.7072, 104.9803

183.1657,
157.1344, 134.9307

■ 16.2284, 10.5775,
6.1874

■ 16.2284, 10.5775,
6.1874

■ 15.1726, 9.0588,
4.0079

■ 17.6342, 12.6206,
9.0258

■ 14.4352, 8.0149,
2.4337

■ 19.4164, 15.2280,
12.5698

■ 13.9804, 7.3903,
1.4036

■ 21.5996, 18.4381,
16.8626

■ 13.7631, 7.0890,
0.9198

■ 24.2063, 22.2852,
21.9436

■ 27.2572, 26.8010,
27.8495

■ 30.7716, 32.0153,
34.6149

■ 34.7677, 37.9559,
42.2721

■ 39.2629, 44.6492,
50.8519

■ 44.2734, 52.1202,
60.3837

Harmonies

Analogous

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



16.8261, 10.5775, 13.4975



16.2284, 10.5775, 6.1874



13.8411, 10.5775, 2.7672

Triad

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



16.2284, 10.5775, 6.1874



6.1453, 10.5775, 4.2783



9.4125, 10.5775, 36.4506

Complementary

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



16.2284, 10.5775, 6.1874



19.1978, 26.9090, 33.0383

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.



7.0290, 10.5775, 30.1575



16.2284, 10.5775, 6.1874



5.3968, 10.5775, 9.7406

Square

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



16.2284, 10.5775, 6.1874



7.9614, 10.5775, 2.1034



5.6853, 10.5775, 19.2650



12.4835, 10.5775, 33.8649

Rectangle

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



16.2284, 10.5775, 6.1874



11.7690, 10.5775, 1.8988



5.6853, 10.5775, 19.2650



8.5135, 10.5775, 35.2322

Sweetspot

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



16.2287, 10.5781, 6.1876



45.4343, 42.6479, 42.7053



20.0570, 11.9687, 32.7054



9.6900, 8.9296, 8.8004



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



16.2287, 10.5781, 6.1876



26.9134, 15.5361, 5.9188



19.1570, 16.6982, 6.3519



6.6489, 6.6525, 7.0020



11.3415, 5.8411, 0.7831



0.2071, 0.1062, 0.0367

Inverse Universe

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



16.2287, 10.5781, 6.1876



26.9134, 15.5361, 5.9188



13.8185, 15.3579, 33.6884



6.6489, 6.6525, 7.0020



11.3415, 5.8411, 0.7831



0.2071, 0.1062, 0.0367

Previews

White Background



This preview shows how the XYZ color 16.2284, 10.5775, 6.1874 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

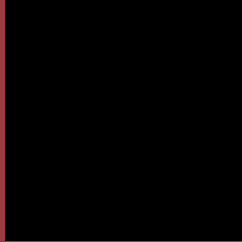
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.2284, 10.5775, 6.1874

Background



This preview shows how black text looks on a background with the XYZ color 16.2284, 10.5775, 6.1874.



This preview shows how white text looks on a background with the XYZ color 16.2284, 10.5775,

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

16.2284, 10.5775, 6.1874

Protanopia

10.2049, 10.7749, 9.1313

Deuteranopia

10.8609, 10.6852, 5.7650



Tritanopia

16.1715, 10.5547, 5.8876

Trichromacy



Original Color

16.2284, 10.5775, 6.1874

Protanomaly

11.6099, 10.0969, 7.9936

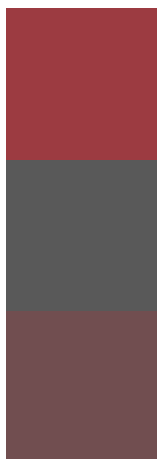
Deuteranomaly

12.2758, 10.1676, 5.8730

Tritanomaly

16.1997, 10.5660, 6.0361

Monochromacy



Original Color

16.2284, 10.5775, 6.1874

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

10.9824, 9.5387, 8.8517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2284, 10.5775, 6.1874 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(156, 59, 65)` looks like.

```
.text, #text, p{  
    color:rgb(156, 59, 65)  
}
```

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(156, 59, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 59, 65) }
```

Border

The CSS property to change the border of an element to XYZ 16.2284, 10.5775, 6.1874 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(156, 59, 65) }
```


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

```
.border{ border-color:rgb(156, 59, 65) }
```

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

Here you see how a box with a 4 pixel rgb(156, 59, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 59, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 59, 65);  
box-shadow:4px 4px 4px 4px rgb(156, 59,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2284, 10.5775, 6.1874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 59, 65) }
```

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

```
.background{ background-color: rgb(156, 59,  
65) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor