

Converting Colors

XYZ(22.0403, 15.8599, 6.1746)

Have a look what the booklet for
XYZ(22.0403, 15.8599, 6.1746)
contains.

XYZ(22.0403, 15.8599, 6.1746)	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(22.0403, 15.8599,
6.1746)**

Conversions

Conversions Part 1

Format	Color
Hex	B1533C
RGB	177, 83, 60
RGB Percent	69%, 33%, 24%
CMY	0.3059, 0.6745, 0.7647
CMYK	0.00, 0.53, 0.66, 0.31
HSL	12°, 49%, 46%
HSV	12°, 66%, 69%
XYZ	22.0403, 15.8599, 6.1746
YIQ	108.4840, 63.4070, 12.7750

Conversions

Conversions Part 2

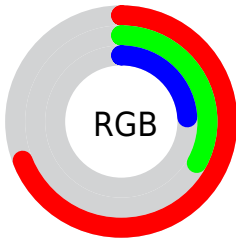
Format	Color
R_{YB}	177, 89, 60
Decimal	11621180
CIE _{Lab}	46.79, 36.54, 31.42
CIE _{LCh}	47, 48.188, 40.695
Yxy	15.8599, 0.5001, 0.3598
Android (android.graphics.Color)	4289811260 (0xFFB1533C)
YUV	108.4840, -23.9026, 60.0885
Hunter-Lab	39.8245, 29.0954, 18.6845

Details

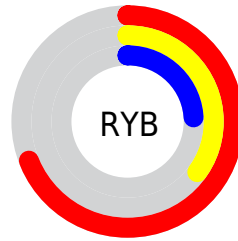
The XYZ color **22.0403, 15.8599, 6.1746** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **21.3539, 27.2442, 45.7278**, and the grayscale version is **14.4433, 15.1954, 16.5478**.

A 20% lighter version of the original color is **46.2958, 36.4152, 18.7761**, and **8.2451, 5.0471, 1.0298** is the 20% darker color. If you saturate the color by 10%, you get **20.6696, 13.7464, 3.7828**, and if you desaturate by 10%, it is **23.7913, 18.4840, 9.4655**.

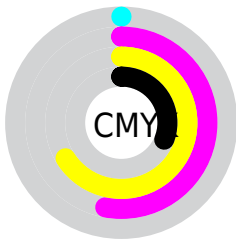
Distribution



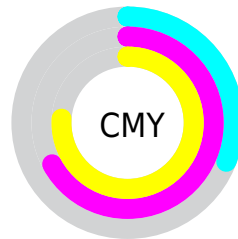
- Red (69%)
- Green (33%)
- Blue (24%)



- Red (69%)
- Yellow (35%)
- Blue (24%)



- Cyan (0%)
- Magenta (53%)
- Yellow (66%)
- Black (31%)





- Cyan (31%)
- Magenta (67%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.0403, 15.8599, 6.1746 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 22.0403, 15.8599, 6.1746 by changing the saturation by 10% instead.


 22.0403, 15.8599,
6.1746


 22.0403, 15.8599,
6.1746


255.3851,
228.5136, 169.9793


 14.0033, 9.4251,
2.8810


 46.2910, 36.3548,
18.7761


 8.2047, 5.0195,
1.0342


 63.2353, 51.1837,
28.9212

 4.2791, 2.2587,
0.0000

 83.8795, 69.5794,
42.1871

 1.8612, 0.7517,
0.0000

 108.5888, 91.9262,
58.9925

 0.5541, 0.0000,
0.0000

 137.7287,
118.6087, 79.7559

 0.0000, 0.0000,
0.0000

 171.6645,

150.0112, 104.8958

210.7615,
186.5180, 134.8307

■ 22.0403, 15.8599,
6.1746

■ 22.0403, 15.8599,
6.1746

■ 20.6696, 13.7464,
3.7828

■ 23.7913, 18.4840,
9.4655

■ 19.6482, 12.1069,
2.1986

■ 25.9483, 21.6469,
13.7329

■ 18.9397, 10.9033,
1.3045

■ 28.5357, 25.3778,
19.0470

■ 18.7265, 10.5375,
1.0469

■ 31.5758, 29.7028,
25.4710

■ 35.0891, 34.6467,
33.0633

■ 39.0952, 40.2326,
41.8781

■ 43.6121, 46.4825,
51.9662

■ 48.6572, 53.4174,
63.3755

■ 54.2470, 61.0573,
76.1515

Harmonies

Analogous

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



24.4512, 15.8599, 13.3329



22.0403, 15.8599, 6.1746



17.8959, 15.8599, 3.3678

Triad

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



22.0403, 15.8599, 6.1746



8.6807, 15.8599, 10.7122



16.6186, 15.8599, 51.2835

Complementary

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



22.0403, 15.8599, 6.1746



21.3539, 27.2442, 45.7278

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.



12.5661, 15.8599, 49.4547



22.0403, 15.8599, 6.1746



8.4659, 15.8599, 21.9116

Square

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



22.0403, 15.8599, 6.1746



10.4102, 15.8599, 5.0218



9.7566, 15.8599, 37.0907



20.9575, 15.8599, 41.3164

Rectangle

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



22.0403, 15.8599, 6.1746



14.9768, 15.8599, 2.9508



9.7566, 15.8599, 37.0907



15.1723, 15.8599, 52.1121

Sweetspot

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



22.0407, 15.8608, 6.1749



60.0700, 58.1588, 53.1876



25.7099, 14.9639, 32.7862



12.6478, 12.0825, 10.7274



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



22.0407, 15.8608, 6.1749



36.1687, 23.2720, 5.4031



28.3177, 28.4148, 8.2672



8.6272, 8.7669, 8.8900



13.6033, 7.7051, 0.7703



0.4678, 0.3219, 0.0375

Inverse Universe

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



21.3539, 27.2442, 45.7278



34.6994, 44.8351, 81.3205



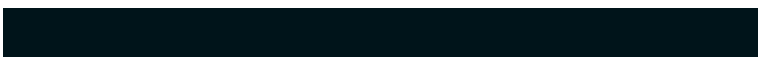
14.0786, 12.6937, 43.3027



8.5979, 9.3420, 10.8564



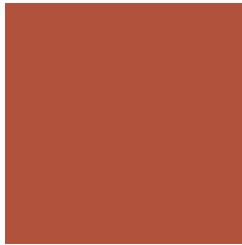
12.8223, 16.4449, 32.6354



0.4397, 0.5900, 1.0389

Previews

White Background



This preview shows how the XYZ color 22.0403, 15.8599, 6.1746 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 22.0403, 15.8599, 6.1746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

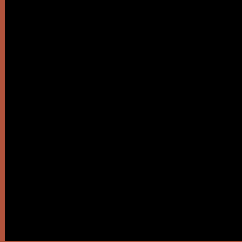
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 22.0403, 15.8599, 6.1746

Background



This preview shows how black text looks on a background with the XYZ color 22.0403, 15.8599, 6.1746.



This preview shows how white text looks on a background with the XYZ color 22.0403, 15.8599,

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

22.0403, 15.8599, 6.1746

Protanopia

14.9257, 16.1681, 8.1284

Deuteranopia

16.1602, 15.9023, 5.8321



Tritanopia

22.8685, 15.8582, 10.4500

Trichromacy



Original Color

22.0403, 15.8599, 6.1746

Protanomaly

16.7924, 15.4515, 7.2516

Deuteranomaly

18.0551, 15.7062, 5.9509

Tritanomaly

22.6070, 15.8716, 8.7095

Monochromacy



Original Color

22.0403, 15.8599, 6.1746

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

16.0230, 14.6656, 11.8838

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.0403, 15.8599, 6.1746 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(177, 83, 60)` looks like.

```
.text, #text, p{  
    color:rgb(177, 83, 60)  
}
```

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(177, 83, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 83, 60) }
```

Border

The CSS property to change the border of an element to XYZ 22.0403, 15.8599, 6.1746 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(177, 83, 60) }
```


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

```
.border{ border-color:rgb(177, 83, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 83, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 83, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 83, 60);  
box-shadow:4px 4px 4px 4px rgb(177, 83,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 22.0403, 15.8599, 6.1746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 83, 60) }
```

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

```
.background{ background-color: rgb(177, 83,  
60) }
```

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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