

Converting Colors

XYZ(16.2165, 16.9983, 8.2206)

Have a look what the booklet for
XYZ(16.2165, 16.9983, 8.2206)
contains.

XYZ(16.2165, 16.9983, 8.2206)	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(16.2165, 16.9983,
8.2206)**

Conversions

Conversions Part 1

Format	Color
Hex	827146
RGB	130, 113, 70
RGB Percent	51%, 44%, 27%
CMY	0.4902, 0.5568, 0.7255
CMYK	0.00, 0.13, 0.46, 0.49
HSL	43°, 30%, 39%
HSV	43°, 46%, 51%
XYZ	16.2165, 16.9983, 8.2206
YIQ	113.1810, 23.9350, -9.7690

Conversions

Conversions Part 2

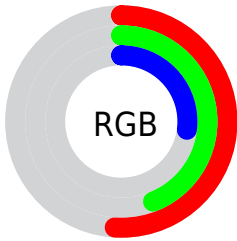
Format	Color
R _Y B	94, 130, 70
Decimal	8548678
CIE Lab	48.26, 0.34, 26.26
CIE LCh	48, 26.262, 89.251
Yxy	16.9983, 0.3914, 0.4102
Android (android.graphics.Color)	4286738758 (0xFF827146)
YUV	113.1810, -21.2882, 14.7503
Hunter-Lab	41.2290, -1.9418, 17.0385

Details

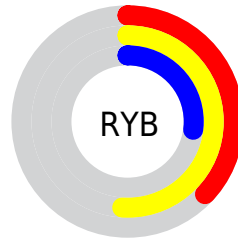
The XYZ color **16.2165, 16.9983, 8.2206** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.9630, 9.7297, 22.4718**, and the grayscale version is **15.8064, 16.6296, 18.1096**.

A 20% lighter version of the original color is **36.5521, 38.4325, 22.9445**, and **5.2902, 5.5130, 1.7050** is the 20% darker color. If you saturate the color by 10%, you get **15.4474, 16.0472, 6.1543**, and if you desaturate by 10%, it is **17.0920, 18.0199, 10.7612**.

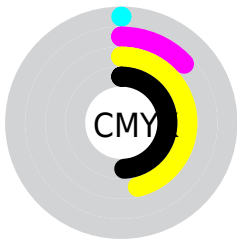
Distribution



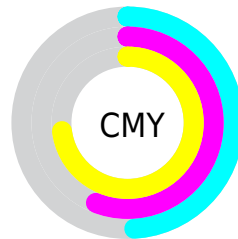
- Red (51%)
- Green (44%)
- Blue (27%)



- Red (37%)
- Yellow (51%)
- Blue (27%)



- Cyan (0%)
- Magenta (13%)
- Yellow (46%)
- Black (49%)



- Cyan (49%)
- Magenta (56%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2165, 16.9983, 8.2206 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 16.2165, 16.9983, 8.2206 by changing the saturation by 10% instead.

■ 16.2165, 16.9983,
8.2206

■ 16.2165, 16.9983,
8.2206

223.8612,
235.1626, 187.4509

■ 9.7693, 10.2333,
4.1466

■ 36.5281, 38.3229,
22.9431

■ 5.3074, 5.5539,
1.7061

■ 51.1232, 53.6512,
34.4286

■ 2.4653, 2.5758,
0.3649

■ 69.1649, 72.6027,
49.2218

■ 0.8778, 0.9145,
0.0000

■ 91.0187, 95.5619,
67.7412

■ 0.0000, 0.0000,
0.0000

■ 117.0499,
122.9130, 90.4052

147.6238,

155.0406, 117.6325

183.1058,
192.3290, 149.8416

■ 16.2165, 16.9983,
8.2206

■ 16.2165, 16.9983,
8.2206

■ 15.4474, 16.0472,
6.1543

■ 17.0920, 18.0199,
10.7612

■ 14.7774, 15.1614,
4.5306

■ 18.0781, 19.1121,
13.8027

■ 14.2003, 14.3389,
3.3156

■ 19.1803, 20.2781,
17.3714

■ 13.7084, 13.5762,
2.4703

■ 20.4032, 21.5199,
21.4910

■ 13.2887, 12.8677,
1.9269

■ 21.7514, 22.8397,
26.1840

■ 13.1355, 12.6052,
1.7407

■ 23.2289, 24.2394,
31.4716

■ 24.8399, 25.7209,
37.3740

■ 26.5880, 27.2861,
43.9101

■ 28.4770, 28.9365,
51.0984

Harmonies

Analogous

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



18.6218, 16.9983, 9.3447



16.2165, 16.9983, 8.2206



14.0132, 16.9983, 9.2361

Triad

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



16.2165, 16.9983, 8.2206



12.4693, 16.9983, 25.7133



20.4366, 16.9983, 26.0859

Complementary

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



16.2165, 16.9983, 8.2206



9.9630, 9.7297, 22.4718

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.



18.5077, 16.9983, 32.5303



16.2165, 16.9983, 8.2206



13.9188, 16.9983, 32.2804

Square

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



16.2165, 16.9983, 8.2206



11.9830, 16.9983, 18.3368



16.0964, 16.9983, 35.0346



21.2011, 16.9983, 18.6808

Rectangle

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



16.2165, 16.9983, 8.2206



12.9189, 16.9983, 11.1778



16.0964, 16.9983, 35.0346



19.8940, 16.9983, 28.4973

Sweetspot

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



16.2169, 16.9991, 8.2209



34.1575, 36.1030, 31.8505



13.1164, 9.8144, 10.2200



7.6460, 8.0836, 6.9260



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



16.2169, 16.9991, 8.2209



27.1925, 28.2455, 10.8080



16.4242, 20.1892, 8.8258



4.5656, 4.8200, 4.6098



12.6010, 12.0984, 1.6711



0.0000, 0.0000, 0.0000

Inverse Universe

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



9.9630, 9.7297, 22.4718



14.8024, 13.8581, 39.0872



9.7868, 7.8312, 22.1147



4.2004, 4.3948, 5.4402



4.4979, 2.8142, 20.5561



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.2165, 16.9983, 8.2206 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 16.2165, 16.9983, 8.2206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

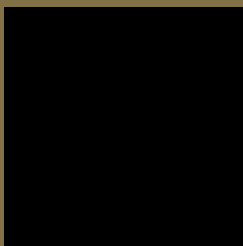
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.2165, 16.9983, 8.2206

Background



This preview shows how black text looks on a background with the XYZ color 16.2165, 16.9983, 8.2206.



This preview shows how white text looks on a background with the XYZ color 16.2165, 16.9983,

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

16.2165, 16.9983, 8.2206

Protanopia

15.7255, 17.0764, 8.4285

Deuteranopia

17.3607, 17.0958, 8.3460



Tritanopia

18.4018, 16.9272, 18.8204

Trichromacy



Original Color

16.2165, 16.9983, 8.2206

Protanomaly

15.9070, 17.0016, 8.4045

Deuteranomaly

16.9751, 17.0581, 8.3591

Tritanomaly

17.3936, 16.8247, 14.1351

Monochromacy



Original Color

16.2165, 16.9983, 8.2206

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.6705, 16.5953, 13.6865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2165, 16.9983, 8.2206 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(130, 113, 70)` looks like.

```
.text, #text, p{  
    color:rgb(130, 113, 70)  
}
```

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(130, 113, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 113, 70) }
```

Border

The CSS property to change the border of an element to XYZ 16.2165, 16.9983, 8.2206 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(130, 113, 70) }
```


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

```
.border{ border-color:rgb(130, 113, 70) }
```

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

Here you see how a box with a 4 pixel rgb(130, 113, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 113, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 113, 70);  
box-shadow:4px 4px 4px 4px rgb(130, 113,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2165, 16.9983, 8.2206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 113, 70) }
```

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

```
.background{ background-color: rgb(130,  
113, 70) }
```

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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