

Converting Colors

XYZ(17.2621, 16.5942, 16.2640)

Have a look what the booklet for
XYZ(17.2621, 16.5942, 16.2640)
contains.

XYZ(17.2223, 16.5325, 16.1933)	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(17.2223, 16.5325,
16.1933)**

Conversions

Conversions Part 1

Format	Color
Hex	826C6B
RGB	130, 108, 107
RGB Percent	51%, 42%, 42%
CMY	0.4902, 0.5765, 0.5804
CMYK	0.00, 0.17, 0.18, 0.49
HSL	3°, 10%, 46%
HSV	3°, 18%, 51%
XYZ	17.2223, 16.5325, 16.1933
YIQ	114.4640, 13.4330, 4.3530

Conversions

Conversions Part 2

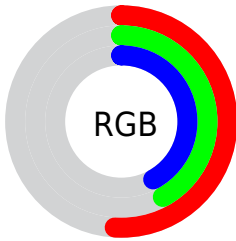
Format	Color
R_{YB}	130, 108, 107
Decimal	8547435
CIE _{Lab}	47.67, 8.52, 3.80
CIE _{LCh}	48, 9.327, 24.077
Yxy	16.5325, 0.3448, 0.3310
Android (android.graphics.Color)	4286737515 (0xFF826C6B)
YUV	114.4640, -3.6798, 13.6251
Hunter-Lab	40.6602, 4.4514, 4.8493

Details

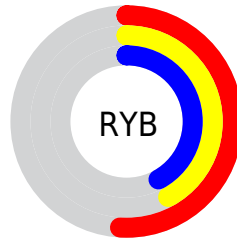
The XYZ color **17.2223, 16.5325, 16.1933** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.9427, 20.4374, 24.1183**, and the grayscale version is **16.1420, 16.9826, 18.4941**.

A 20% lighter version of the original color is **38.0981, 37.3322, 37.5456**, and **5.7926, 5.3692, 5.0060** is the 20% darker color. If you saturate the color by 10%, you get **15.3701, 13.8415, 12.4515**, and if you desaturate by 10%, it is **19.3653, 19.6402, 20.5398**.

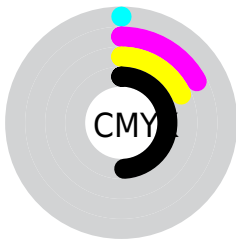
Distribution



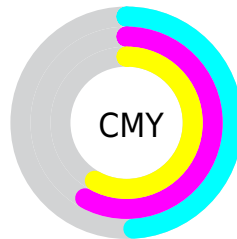
- Red (51%)
- Green (42%)
- Blue (42%)



- Red (51%)
- Yellow (42%)
- Blue (42%)



- Cyan (0%)
- Magenta (17%)
- Yellow (18%)
- Black (49%)



- Cyan (49%)
- Magenta (58%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2223, 16.5325, 16.1933 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 17.2223, 16.5325, 16.1933 by changing the saturation by 10% instead.

■ 17.2223, 16.5325,
16.1933

■ 17.2223, 16.5325,
16.1933

229.5815,
232.4637, 242.3642

■ 10.4894, 9.9017,
9.5052

■ 38.2482, 37.5202,
37.7049

■ 5.7894, 5.3339,
4.9709

■ 53.2718, 52.6460,
53.3655

■ 2.7569, 2.4445,
2.1717

■ 71.7898, 71.3722,
72.8540

■ 1.0265, 0.8486,
0.6580

■ 94.1674, 94.0832,
96.5890

■ 0.0000, 0.0000,
0.0000

120.7700,
121.1635, 124.9889

151.9630,

152.9974, 158.4724

188.1117,
189.9693, 197.4580

■ 17.2223, 16.5325,
16.1933

■ 17.2223, 16.5325,
16.1933

■ 15.3701, 13.8415,
12.4515

■ 19.3653, 19.6402,
20.5398

■ 13.7949, 11.5474,
9.2865

■ 21.8094, 23.1788,
25.5151

■ 12.4838, 9.6321,
6.6702

■ 24.5661, 27.1648,
31.1430

■ 11.4223, 8.0751,
4.5712

■ 27.6460, 31.6130,
37.4461

■ 10.5945, 6.8543,
2.9552

■ 31.0590, 36.5376,
44.4457

■ 9.9829, 5.9448,
1.7838

■ 34.8148, 41.9522,
52.1621

■ 9.5671, 5.3185,
1.0126

■ 38.9224, 47.8697,
60.6150

■ 9.3150, 4.9377,
0.5483

■ 43.3908, 54.3027,
69.8232

■ 9.2675, 4.8689,
0.4513

■ 48.2284, 61.2633,
79.8048

Harmonies

Analogous

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



17.3618, 16.5325, 18.4788



17.2223, 16.5325, 16.1933



16.6725, 16.5325, 14.5351

Triad

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



17.2223, 16.5325, 16.1933



14.4516, 16.5325, 15.4409



15.5489, 16.5325, 22.9617

Complementary

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



17.2223, 16.5325, 16.1933



17.9427, 20.4374, 24.1183

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.



14.7923, 16.5325, 21.9784



17.2223, 16.5325, 16.1933



14.1733, 16.5325, 17.5317

Square

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



17.2223, 16.5325, 16.1933



15.0690, 16.5325, 14.1283



14.2958, 16.5325, 19.9386



16.3764, 16.5325, 22.5238

Rectangle

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



17.2223, 16.5325, 16.1933



16.1573, 16.5325, 13.9393



14.2958, 16.5325, 19.9386



15.2782, 16.5325, 22.7839

Sweetspot

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



17.2228, 16.5332, 16.1936



35.1620, 36.1209, 38.3238



18.4417, 16.8526, 23.1312



7.9038, 8.0961, 8.5626



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.



17.2228, 16.5332, 16.1936



29.0371, 27.2382, 25.9018



18.4885, 19.0647, 16.6156



4.3417, 4.3720, 4.5352



8.8874, 4.6712, 0.4332



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.9427, 20.4374, 24.1183



30.5366, 35.3707, 42.4103



16.5399, 17.6318, 23.6507



4.4309, 4.8558, 5.5170



10.8158, 15.4502, 22.6621



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.2223, 16.5325, 16.1933 looks on a white background.

Color Contrast Check

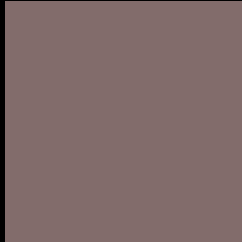
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.2223, 16.5325, 16.1933 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 17.2223, 16.5325, 16.1933

Background



This preview shows how black text looks on a background with the XYZ color 17.2223, 16.5325, 16.1933.



This preview shows how white text looks on a background with the XYZ color 17.2223, 16.5325,

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

17.2223, 16.5325, 16.1933

Protanopia

15.9221, 16.6490, 17.1263

Deuteranopia

16.8749, 16.5108, 16.2074



Tritanopia

17.7123, 16.5785, 18.4861

Trichromacy



Original Color

17.2223, 16.5325, 16.1933

Protanomaly

16.3299, 16.5380, 16.7995

Deuteranomaly

17.0246, 16.5880, 16.2144

Tritanomaly

17.5424, 16.5105, 17.5915

Monochromacy



Original Color

17.2223, 16.5325, 16.1933

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.4091, 16.7291, 17.4031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2223, 16.5325, 16.1933 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, 108, 107)` looks like.

```
.text, #text, p{  
    color:rgb(130, 108, 107)  
}
```

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, 108, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 108, 107) }
```

Border

The CSS property to change the border of an element to XYZ 17.2223, 16.5325, 16.1933 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, 108, 107) }
```


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

```
.border{ border-color:rgb(130, 108, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 108, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 108, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 108, 107);  
box-shadow:4px 4px 4px 4px rgb(130, 108,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2223, 16.5325, 16.1933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 108, 107) }
```

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

```
.background{ background-color: rgb(130,  
108, 107) }
```

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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