

Converting Colors

XYZ(16.6087, 17.1171, 15.8644)

Have a look what the booklet for
XYZ(16.6087, 17.1171, 15.8644)
contains.

XYZ(16.5932, 17.1921, 15.8085)	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(16.5932, 17.1921,
15.8085)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7269
RGB	122, 114, 105
RGB Percent	48%, 45%, 41%
CMY	0.5216, 0.5529, 0.5882
CMYK	0.00, 0.07, 0.14, 0.52
HSL	32°, 7%, 45%
HSV	32°, 14%, 48%
XYZ	16.5932, 17.1921, 15.8085
YIQ	115.3660, 7.6570, -1.1030

Conversions

Conversions Part 2

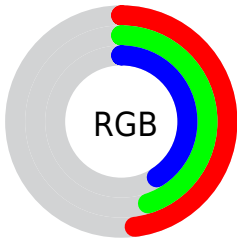
Format	Color
R_{YB}	120, 122, 105
Decimal	8024681
CIE Lab	48.50, 1.43, 6.09
CIE LCh	49, 6.256, 76.830
Yxy	17.1921, 0.3346, 0.3467
Android (android.graphics.Color)	4286214761 (0xFF7A7269)
YUV	115.3660, -5.1104, 5.8180
Hunter-Lab	41.4634, -1.1271, 6.4192

Details

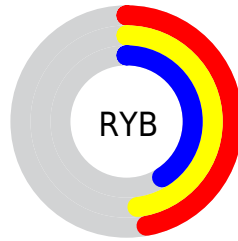
The XYZ color **16.5932, 17.1921, 15.8085** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.2438, 16.2186, 20.7397**, and the grayscale version is **16.4207, 17.2758, 18.8134**.

A 20% lighter version of the original color is **37.0925, 38.6714, 36.9618**, and **5.4596, 5.6184, 4.7997** is the 20% darker color. If you saturate the color by 10%, you get **15.3835, 15.7051, 12.5304**, and if you desaturate by 10%, it is **17.9345, 18.7979, 19.5748**.

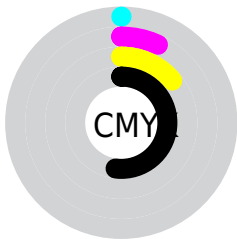
Distribution



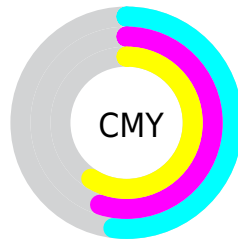
- Red (48%)
- Green (45%)
- Blue (41%)



- Red (47%)
- Yellow (48%)
- Blue (41%)



- Cyan (0%)
- Magenta (7%)
- Yellow (14%)
- Black (52%)



- Cyan (52%)
- Magenta (55%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5932, 17.1921, 15.8085 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 16.5932, 17.1921, 15.8085 by changing the saturation by 10% instead.

■ 16.5932, 17.1921,
15.8085

■ 16.5932, 17.1921,
15.8085

226.0193,
236.2770, 240.0161

■ 10.0384, 10.3715,
9.2359

■ 37.1742, 38.6558,
37.0276

■ 5.4869, 5.6460,
4.7964

■ 51.9311, 54.0677,
52.5111

■ 2.5733, 2.6310,
2.0717

■ 70.1527, 73.1122,
71.8020

■ 0.9324, 0.9423,
0.5988

■ 92.2044, 96.1736,
95.3188

■ 0.0000, 0.0000,
0.0000

118.4516,
123.6364, 123.4801

149.2596,

155.8850, 156.7044

184.9937,
193.3037, 195.4102

■ 16.5932, 17.1921,
15.8085

■ 16.5932, 17.1921,
15.8085

■ 15.3835, 15.7051,
12.5304

■ 17.9345, 18.7979,
19.5748

■ 14.2994, 14.3316,
9.7190

■ 19.4102, 20.5231,
23.8473

■ 13.3365, 13.0693,
7.3529

■ 21.0250, 22.3711,
28.6445

■ 12.4897, 11.9147,
5.4087

■ 22.7827, 24.3448,
33.9835

■ 11.7532, 10.8644,
3.8605

■ 24.6871, 26.4465,
39.8807

■ 11.1210, 9.9145,
2.6799

■ 26.7417, 28.6789,
46.3519

■ 10.5859, 9.0608,
1.8343

■ 28.9501, 31.0443,
53.4121

■ 10.1389, 8.2982,
1.2798

■ 31.3156, 33.5451,
61.0758

■ 9.8937, 7.8727,
0.9981

■ 33.8413, 36.1834,
69.3571

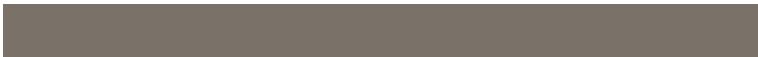
Harmonies

Analogous

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



17.1070, 17.1921, 16.5084



16.5932, 17.1921, 15.8085



16.0233, 17.1921, 15.8552

Triad

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



16.5932, 17.1921, 15.8085



15.3073, 17.1921, 19.6490



17.1584, 17.1921, 20.9650

Complementary

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



16.5932, 17.1921, 15.8085



15.2438, 16.2186, 20.7397

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.



16.6621, 17.1921, 21.9090



16.5932, 17.1921, 15.8085



15.5974, 17.1921, 21.1193

Square

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



16.5932, 17.1921, 15.8085



15.2898, 17.1921, 18.0087



16.0905, 17.1921, 21.9671



17.4384, 17.1921, 19.4483

Rectangle

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



16.5932, 17.1921, 15.8085



15.6882, 17.1921, 16.3027



16.0905, 17.1921, 21.9671



17.0108, 17.1921, 21.3636

Sweetspot

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



16.5937, 17.1929, 15.8089



31.5115, 33.0231, 34.3229



16.0708, 15.4382, 17.8200



7.1692, 7.5082, 7.7455



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



16.5937, 17.1929, 15.8089



28.4272, 29.3141, 25.7120



17.4956, 19.0562, 16.1210



4.1576, 4.3336, 4.2418



10.4079, 8.2718, 1.0481



48.7886, 37.7407, 4.7132

Inverse Universe

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



15.2438, 16.2186, 20.7397



25.5281, 27.2218, 36.3018



14.4238, 14.5290, 20.4568



3.9386, 4.1756, 5.0416



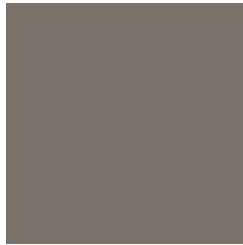
5.2515, 4.5854, 19.9936



24.2119, 20.1964, 95.0920

Previews

White Background



This preview shows how the XYZ color 16.5932, 17.1921, 15.8085 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 16.5932, 17.1921, 15.8085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

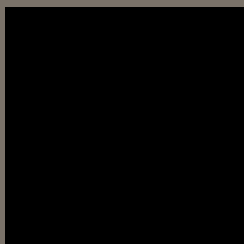
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.5932, 17.1921, 15.8085

Background



This preview shows how black text looks on a background with the XYZ color 16.5932, 17.1921, 15.8085.



This preview shows how white text looks on a background with the XYZ color 16.5932, 17.1921,

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

16.5932, 17.1921, 15.8085

Protanopia

16.4263, 17.2745, 15.8331

Deuteranopia

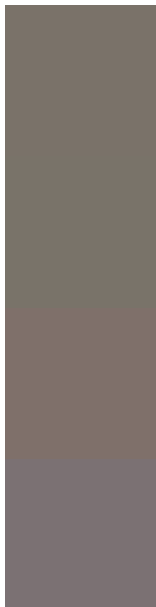
17.4919, 17.1553, 16.0251



Tritanopia

17.4965, 17.2295, 20.1728

Trichromacy



Original Color

16.5932, 17.1921, 15.8085

Protanomaly

16.5657, 17.3463, 15.8397

Deuteranomaly

17.1481, 17.1410, 16.0404

Tritanomaly

17.1680, 17.2590, 18.6461

Monochromacy



Original Color

16.5932, 17.1921, 15.8085

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.4712, 17.2607, 17.5025

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5932, 17.1921, 15.8085 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(122, 114, 105)` looks like.

```
.text, #text, p{  
    color:rgb(122, 114, 105)  
}
```

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(122, 114, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 114, 105) }
```

Border

The CSS property to change the border of an element to XYZ 16.5932, 17.1921, 15.8085 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(122, 114, 105) }
```


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

```
.border{ border-color:rgb(122, 114, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 114, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 114, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 114, 105);  
box-shadow:4px 4px 4px 4px rgb(122, 114,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5932, 17.1921, 15.8085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 114, 105) }
```

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

```
.background{ background-color: rgb(122,  
114, 105) }
```

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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