

Converting Colors

XYZ(16.4523, 17.1195, 15.8019)

Have a look what the booklet for
XYZ(16.4523, 17.1195, 15.8019)
contains.

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Color

**XYZ(16.4523, 17.1195,
15.8019)**

Conversions

Conversions Part 1

Format	Color
Hex	797269
RGB	121, 114, 105
RGB Percent	47%, 45%, 41%
CMY	0.5255, 0.5529, 0.5882
CMYK	0.00, 0.06, 0.13, 0.53
HSL	34°, 7%, 44%
HSV	34°, 13%, 47%
XYZ	16.4523, 17.1195, 15.8019
YIQ	115.0670, 7.0610, -1.3150

Conversions

Conversions Part 2

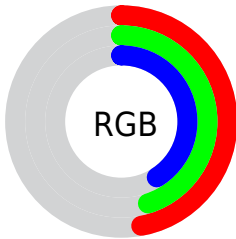
Format	Color
R_{YB}	117, 121, 105
Decimal	7959145
CIE Lab	48.41, 1.02, 5.95
CIE LCh	48, 6.037, 80.234
Yxy	17.1195, 0.3332, 0.3467
Android (android.graphics.Color)	4286149225 (0xFF797269)
YUV	115.0670, -4.9630, 5.2032
Hunter-Lab	41.3757, -1.4302, 6.3194

Details

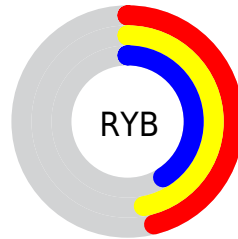
The XYZ color **16.4523, 17.1195, 15.8019** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.0711, 15.9719, 20.3779**, and the grayscale version is **16.3295, 17.1799, 18.7089**.

A 20% lighter version of the original color is **36.8705, 38.5570, 36.9514**, and **5.3844, 5.5796, 4.7962** is the 20% darker color. If you saturate the color by 10%, you get **15.2945, 15.7293, 12.5629**, and if you desaturate by 10%, it is **17.7341, 18.6158, 19.5193**.

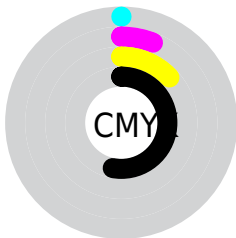
Distribution



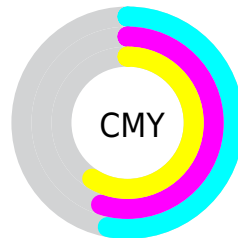
- Red (47%)
- Green (45%)
- Blue (41%)



- Red (46%)
- Yellow (47%)
- Blue (41%)



- Cyan (0%)
- Magenta (6%)
- Yellow (13%)
- Black (53%)



- Cyan (53%)
- Magenta (55%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.4523, 17.1195, 15.8019 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 16.4523, 17.1195, 15.8019 by changing the saturation by 10% instead.

■ 16.4523, 17.1195,
15.8019

■ 16.4523, 17.1195,
15.8019

225.2144,
235.8601, 239.9756

■ 9.9376, 10.3197,
9.2312

■ 36.9328, 38.5311,
37.0159

■ 5.4196, 5.6115,
4.7935

■ 51.6293, 53.9118,
52.4964

■ 2.5328, 2.6103,
2.0700

■ 69.7839, 72.9215,
71.7839

■ 0.9118, 0.9318,
0.5978

■ 91.7618, 95.9447,
95.2970

■ 0.0000, 0.0000,
0.0000

117.9285,
123.3657, 123.4541

148.6492,

155.5691, 156.6739

184.2894,
192.9390, 195.3749

■ 16.4523, 17.1195,
15.8019

■ 16.4523, 17.1195,
15.8019

■ 15.2945, 15.7293,
12.5629

■ 17.7341, 18.6158,
19.5193

■ 14.2550, 14.4401,
9.7814

■ 19.1426, 20.2183,
23.7327

■ 13.3297, 13.2501,
7.4366

■ 20.6820, 21.9303,
28.4599

■ 12.5137, 12.1561,
5.5057

■ 22.3562, 23.7540,
33.7178

■ 11.8016, 11.1552,
3.9637

■ 24.1685, 25.6918,
39.5222

■ 11.1877, 10.2439,
2.7828

■ 26.1224, 27.7459,
45.8887

■ 10.6652, 9.4185,
1.9318

■ 28.2212, 29.9183,
52.8317

■ 10.2260, 8.6747,
1.3709

■ 30.4680, 32.2110,
60.3655

■ 9.9572, 8.2089,
1.0597

■ 32.8659, 34.6262,
68.5038

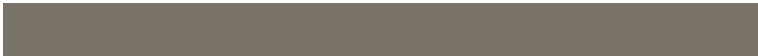
Harmonies

Analogous

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



16.9601, 17.1195, 16.3998



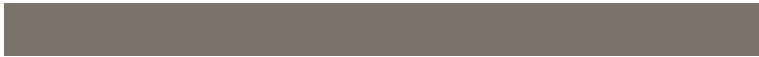
16.4523, 17.1195, 15.8019



15.9072, 17.1195, 15.9308

Triad

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



16.4523, 17.1195, 15.8019



15.2958, 17.1195, 19.7115



17.1012, 17.1195, 20.6532

Complementary

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



16.4523, 17.1195, 15.8019



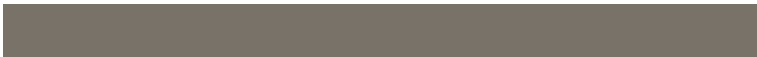
15.0711, 15.9719, 20.3779

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.



16.6415, 17.1195, 21.6406



16.4523, 17.1195, 15.8019



15.6020, 17.1195, 21.0760

Square

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



16.4523, 17.1195, 15.8019



15.2477, 17.1195, 18.1293



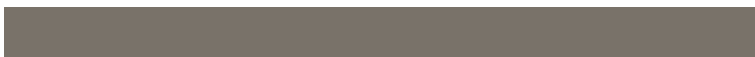
16.0922, 17.1195, 21.7996



17.3403, 17.1195, 19.1607

Rectangle

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



16.4523, 17.1195, 15.8019



15.5955, 17.1195, 16.4144



16.0922, 17.1195, 21.7996



16.9669, 17.1195, 21.0587

Sweetspot

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



16.4528, 17.1203, 15.8023



31.5464, 33.0930, 34.3346



15.8728, 15.3427, 17.5128



7.1784, 7.5266, 7.7486



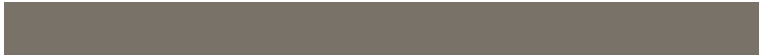
59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



16.4528, 17.1203, 15.8023



28.7797, 29.8461, 26.3634



17.1609, 18.7023, 16.0703



4.1679, 4.3542, 4.2453



10.6592, 8.7744, 1.1318



49.9867, 40.1369, 5.1126

Inverse Universe

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



15.0711, 15.9719, 20.3779



25.7753, 27.3491, 36.3133



14.4231, 14.5358, 20.1349



3.9285, 4.1552, 5.0382



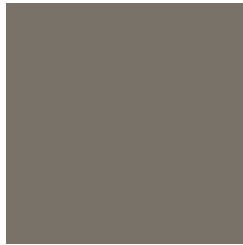
5.0480, 4.1785, 19.9258



23.2626, 18.2978, 94.7755

Previews

White Background



This preview shows how the XYZ color 16.4523, 17.1195, 15.8019 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 16.4523, 17.1195, 15.8019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

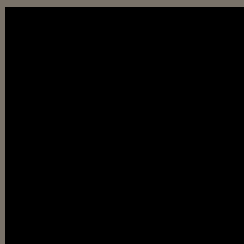
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

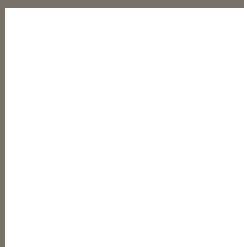
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.4523, 17.1195, 15.8019

Background



This preview shows how black text looks on a background with the XYZ color 16.4523, 17.1195, 15.8019.



This preview shows how white text looks on a background with the XYZ color 16.4523, 17.1195,

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

16.4523, 17.1195, 15.8019

Protanopia

16.2883, 17.2033, 15.8267

Deuteranopia

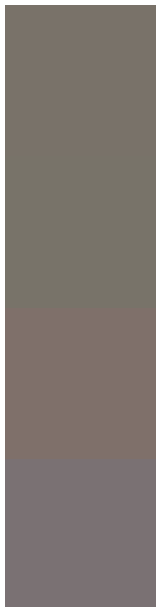
17.4919, 17.1553, 16.0251



Tritanopia

17.3527, 17.1554, 20.1660

Trichromacy



Original Color

16.4523, 17.1195, 15.8019

Protanomaly

16.4263, 17.2745, 15.8331

Deuteranomaly

17.1481, 17.1410, 16.0404

Tritanomaly

17.0257, 17.1856, 18.6395

Monochromacy



Original Color

16.4523, 17.1195, 15.8019

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.3361, 17.1911, 17.4961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4523, 17.1195, 15.8019 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(121, 114, 105)` looks like.

```
.text, #text, p{  
    color:rgb(121, 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(121, 114, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 114, 105) }
```

Border

The CSS property to change the border of an element to XYZ 16.4523, 17.1195, 15.8019 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(121, 114, 105) }
```


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

```
.border{ border-color:rgb(121, 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(121, 114, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 114, 105); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 114, 105); box-shadow:4px 4px 4px 4px rgb(121, 114, 105) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4523, 17.1195, 15.8019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 114, 105) }
```

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

```
.background{ background-color: rgb(121,  
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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