

Converting Colors

XYZ(17.0676, 15.3238, 3.2752)

Have a look what the booklet for
XYZ(17.0676, 15.3238, 3.2752)
contains.

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Color

**XYZ(16.9965, 15.2187,
3.2700)**

Conversions

Conversions Part 1

Format	Color
Hex	95621E
RGB	149, 98, 30
RGB Percent	58%, 38%, 12%
CMY	0.4157, 0.6157, 0.8823
CMYK	0.00, 0.34, 0.80, 0.42
HSL	34°, 66%, 35%
HSV	34°, 80%, 58%
XYZ	16.9965, 15.2187, 3.2700
YIQ	105.4970, 52.2240, -10.3360

Conversions

Conversions Part 2

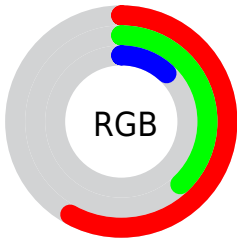
Format	Color
R_{YB}	119, 149, 30
Decimal	9789982
CIE _{Lab}	45.93, 14.74, 44.61
CIE _{LCh}	46, 46.986, 71.712
Yxy	15.2187, 0.4790, 0.4289
Android (android.graphics.Color)	4287980062 (0xFF95621E)
YUV	105.4970, -37.2200, 38.1521
Hunter-Lab	39.0112, 9.4999, 22.3380

Details

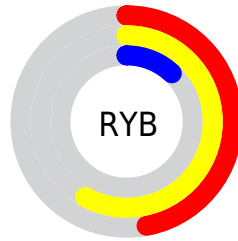
The XYZ color **16.9965, 15.2187, 3.2700** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **8.9026, 8.3305, 29.5724**, and the grayscale version is **13.6509, 14.3618, 15.6400**.

A 20% lighter version of the original color is **37.8909, 35.3248, 12.2184**, and **5.7999, 4.7473, 0.6106** is the 20% darker color. If you saturate the color by 10%, you get **16.2756, 14.0128, 2.3027**, and if you desaturate by 10%, it is **17.8558, 16.5575, 4.7276**.

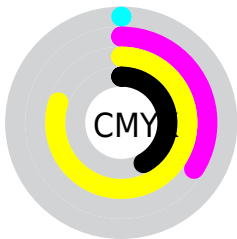
Distribution



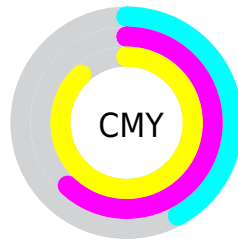
- Red (58%)
- Green (38%)
- Blue (12%)



- Red (47%)
- Yellow (58%)
- Blue (12%)



- Cyan (0%)
- Magenta (34%)
- Yellow (80%)
- Black (42%)



- Cyan (42%)
- Magenta (62%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9965, 15.2187, 3.2700 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 16.9965, 15.2187, 3.2700 by changing the saturation by 10% instead.

■ 16.9965, 15.2187,
3.2700

■ 16.9965, 15.2187,
3.2700

228.3088,
224.6862, 139.7285

■ 10.3273, 8.9730,
1.2341

■ 37.8634, 35.2364,
12.2877

■ 5.6804, 4.7236,
0.0068

■ 52.7918, 49.7772,
20.1066

■ 2.6905, 2.0860,
0.0000

■ 71.2040, 67.8518,
30.6902

■ 0.9923, 0.6567,
0.0000

■ 93.4653, 89.8447,
44.4572

■ 0.0000, 0.0000,
0.0000

■ 119.9410,
116.1401, 61.8259

■ 150.9967,

147.1226, 83.2150

186.9975,
183.1765, 109.0430

16.9965, 15.2187,
3.2700

16.9965, 15.2187,
3.2700

16.2756, 14.0128,
2.3027

17.8558, 16.5575,
4.7276

15.6624, 12.9239,
1.6749

18.8647, 18.0335,
6.7342

15.6545, 12.9097,
1.6667

20.0342, 19.6534,
9.3409

21.3738, 21.4226,
12.5928

22.8921, 23.3461,
16.5306

■ 24.5971, 25.4286,
21.1915

■ 26.4962, 27.6746,
26.6102

■ 28.5965, 30.0882,
32.8189

■ 30.9045, 32.6736,
39.8482

Harmonies

Analogous

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



20.9487, 15.2187, 5.8612



16.9965, 15.2187, 3.2700



12.9692, 15.2187, 3.0548

Triad

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



16.9965, 15.2187, 3.2700



8.2009, 15.2187, 21.4193



20.1655, 15.2187, 38.8512

Complementary

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



16.9965, 15.2187, 3.2700



8.9026, 8.3305, 29.5724

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.



16.0714, 15.2187, 48.5440



16.9965, 15.2187, 3.2700



9.4795, 15.2187, 35.8030

Square

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



16.9965, 15.2187, 3.2700



8.3572, 15.2187, 10.6106



12.1981, 15.2187, 47.2264



22.9966, 15.2187, 24.4262

Rectangle

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



16.9965, 15.2187, 3.2700



10.8100, 15.2187, 4.0585



12.1981, 15.2187, 47.2264



18.8627, 15.2187, 43.0144

Sweetspot

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



16.9968, 15.2195, 3.2703



42.5964, 43.7795, 33.9276



14.3653, 7.9208, 8.6685



9.2244, 9.4377, 6.9330



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



16.9968, 15.2195, 3.2703



28.2646, 23.5104, 3.2709



21.9776, 27.2571, 5.3313



6.0593, 6.3324, 6.1434



13.2053, 10.9250, 1.4127



0.1909, 0.1924, 0.0271

Inverse Universe

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



8.9026, 8.3305, 29.5724



13.2595, 10.8307, 52.3129



6.6861, 3.5094, 28.7586



5.6916, 6.0172, 7.3312



6.1302, 4.9553, 24.5644



0.1033, 0.1172, 0.3101

Previews

White Background



This preview shows how the XYZ color 16.9965, 15.2187, 3.2700 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 16.9965, 15.2187, 3.2700 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 16.9965, 15.2187, 3.2700

Background



This preview shows how black text looks on a background with the XYZ color 16.9965, 15.2187, 3.2700.



This preview shows how white text looks on a background with the XYZ color 16.9965, 15.2187,

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

16.9965, 15.2187, 3.2700

Protanopia

13.7692, 15.1847, 3.6441

Deuteranopia

15.4764, 15.3028, 3.2367



Tritanopia

19.1686, 15.3084, 13.4998

Trichromacy



Original Color

16.9965, 15.2187, 3.2700

Protanomaly

14.8280, 15.1130, 3.5021

Deuteranomaly

15.9576, 15.2542, 3.2657

Tritanomaly

18.1542, 15.1618, 8.2730

Monochromacy



Original Color

16.9965, 15.2187, 3.2700

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

14.0117, 14.1177, 9.1942

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9965, 15.2187, 3.2700 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(149, 98, 30)` looks like.

```
.text, #text, p{  
    color:rgb(149, 98, 30)  
}
```

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(149, 98, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 98, 30) }
```

Border

The CSS property to change the border of an element to XYZ 16.9965, 15.2187, 3.2700 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(149, 98, 30) }
```


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

```
.border{ border-color:rgb(149, 98, 30) }
```

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

Here you see how a box with a 4 pixel rgb(149, 98, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 98, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 98, 30);  
box-shadow:4px 4px 4px 4px rgb(149, 98,  
30) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9965, 15.2187, 3.2700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 98, 30) }
```

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

```
.background{ background-color: rgb(149, 98,  
30) }
```

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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