

Converting Colors

XYZ(17.2691, 11.6769, 2.7825)

Have a look what the booklet for
XYZ(17.2691, 11.6769, 2.7825)
contains.

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Color

**XYZ(17.2691, 11.6769,
2.7825)**

Conversions

Conversions Part 1

Format	Color
Hex	A34121
RGB	163, 65, 33
RGB Percent	64%, 25%, 13%
CMY	0.3608, 0.7451, 0.8706
CMYK	0.00, 0.60, 0.80, 0.36
HSL	15°, 66%, 38%
HSV	15°, 80%, 64%
XYZ	17.2691, 11.6769, 2.7825
YIQ	90.6540, 68.6800, 10.8240

Conversions

Conversions Part 2

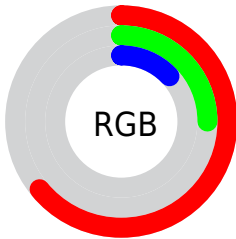
Format	Color
R_{YB}	163, 75, 33
Decimal	10699041
CIE Lab	40.70, 38.80, 38.85
CIE LCh	41, 54.906, 45.030
Yxy	11.6769, 0.5443, 0.3680
Android (android.graphics.Color)	4288889121 (0xFFA34121)
YUV	90.6540, -28.4234, 63.4474
Hunter-Lab	34.1715, 30.4077, 19.0922

Details

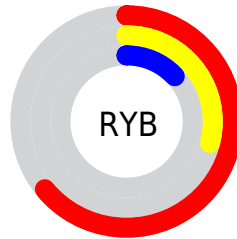
The XYZ color **17.2691, 11.6769, 2.7825** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **15.3537, 19.1989, 37.5468**, and the grayscale version is **9.9173, 10.4338, 11.3624**.

A 20% lighter version of the original color is **38.4338, 28.9173, 11.1453**, and **5.8175, 3.1601, 0.3034** is the 20% darker color. If you saturate the color by 10%, you get **16.4634, 10.3467, 1.6475**, and if you desaturate by 10%, it is **18.3394, 13.3596, 4.5512**.

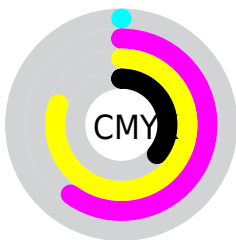
Distribution



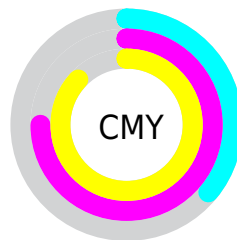
- Red (64%)
- Green (25%)
- Blue (13%)



- Red (64%)
- Yellow (29%)
- Blue (13%)



- Cyan (0%)
- Magenta (60%)
- Yellow (80%)
- Black (36%)



- Cyan (36%)
- Magenta (75%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2691, 11.6769, 2.7825 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 17.2691, 11.6769, 2.7825 by changing the saturation by 10% instead.

■ 17.2691, 11.6769,
2.7825

■ 17.2691, 11.6769,
2.7825

229.8445,
202.2544, 133.5404

■ 10.5230, 6.5241,
0.9847

■ 38.3278, 28.9053,
11.0869

■ 5.8120, 3.1663,
0.0000

■ 53.3711, 41.7496,
18.4305

■ 2.7707, 1.2192,
0.0000

■ 71.9110, 57.9265,
28.4598

■ 1.0337, 0.0773,
0.0000

■ 94.3126, 77.8205,
41.5933

■ 0.0000, 0.0000,
0.0000

■ 120.9414,
101.8159, 58.2496

■ 152.1628,

130.2970, 78.8471

188.3420,
163.6484, 103.8046

17.2691, 11.6769,
2.7825

17.2691, 11.6769,
2.7825

16.4634, 10.3467,
1.6475

18.3394, 13.3596,
4.5512

15.8798, 9.3342,
0.9762

19.6967, 15.4168,
7.0303

15.8674, 9.3128,
0.9613

21.3617, 17.8708,
10.2863

23.3530, 20.7415,
14.3777

25.6874, 24.0475,
19.3572

■ 28.3807, 27.8063,
25.2733

■ 31.4476, 32.0342,
32.1709

■ 34.9019, 36.7469,
40.0921

■ 38.7568, 41.9593,
49.0765

Harmonies

Analogous

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



20.0041, 11.6769, 7.9283



17.2691, 11.6769, 2.7825



13.1451, 11.6769, 1.2166

Triad

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



17.2691, 11.6769, 2.7825



5.3269, 11.6769, 7.9443



13.1537, 11.6769, 46.6580

Complementary

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



17.2691, 11.6769, 2.7825



15.3537, 19.1989, 37.5468

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.



9.2762, 11.6769, 46.6720



17.2691, 11.6769, 2.7825



5.3282, 11.6769, 19.1185

Square

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



17.2691, 11.6769, 2.7825



6.6029, 11.6769, 2.7883



6.6068, 11.6769, 34.6916



17.2766, 11.6769, 34.6603

Rectangle

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



17.2691, 11.6769, 2.7825



10.4555, 11.6769, 1.0867



6.6068, 11.6769, 34.6916



11.7675, 11.6769, 48.2226

Sweetspot

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



17.2694, 11.6776, 2.7827



48.4834, 46.5384, 40.0782



19.8587, 10.5585, 23.0611



10.5275, 9.9466, 8.2100



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



17.2694, 11.6776, 2.7827



28.6348, 17.0393, 2.0228



23.1415, 23.4218, 4.7401



7.2089, 7.3561, 7.4200



12.3632, 7.3003, 0.7575



0.2944, 0.2226, 0.0274

Inverse Universe

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



15.3537, 19.1989, 37.5468



24.8003, 30.5000, 66.6361



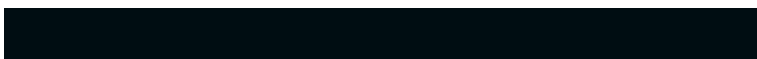
9.2851, 7.0618, 35.5239



7.1277, 7.7145, 9.0164



10.6671, 13.1135, 28.8987



0.2578, 0.3428, 0.6184

Previews

White Background



This preview shows how the XYZ color 17.2691, 11.6769, 2.7825 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 17.2691, 11.6769, 2.7825 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 17.2691, 11.6769, 2.7825

Background



This preview shows how black text looks on a background with the XYZ color 17.2691, 11.6769, 2.7825.



This preview shows how white text looks on a background with the XYZ color 17.2691, 11.6769,

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

17.2691, 11.6769, 2.7825

Protanopia

10.8770, 11.9047, 3.9150

Deuteranopia

12.0287, 11.8621, 2.5753



Tritanopia

17.9327, 11.6117, 6.2971

Trichromacy



Original Color

17.2691, 11.6769, 2.7825

Protanomaly

12.5168, 11.2327, 3.4279

Deuteranomaly

13.5434, 11.4368, 2.5923

Tritanomaly

17.6751, 11.5948, 4.6746

Monochromacy



Original Color

17.2691, 11.6769, 2.7825

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

11.4589, 10.2587, 7.1705

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2691, 11.6769, 2.7825 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(163, 65, 33)` looks like.

```
.text, #text, p{  
    color:rgb(163, 65, 33)  
}
```

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(163, 65, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 65, 33) }
```

Border

The CSS property to change the border of an element to XYZ 17.2691, 11.6769, 2.7825 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(163, 65, 33) }
```


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

```
.border{ border-color:rgb(163, 65, 33) }
```

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

Here you see how a box with a 4 pixel rgb(163, 65, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 65, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 65, 33);  
box-shadow:4px 4px 4px 4px rgb(163, 65,  
33) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2691, 11.6769, 2.7825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 65, 33) }
```

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

```
.background{ background-color: rgb(163, 65,  
33) }
```

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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