

Converting Colors

XYZ(16.8752, 13.5092, 2.2904)

Have a look what the booklet for
XYZ(16.8752, 13.5092, 2.2904)
contains.

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Color

**XYZ(16.8752, 13.5092,
2.2904)**

Conversions

Conversions Part 1

Format	Color
Hex	9B5512
RGB	155, 85, 18
RGB Percent	61%, 33%, 7%
CMY	0.3922, 0.6666, 0.9294
CMYK	0.00, 0.45, 0.88, 0.39
HSL	29°, 79%, 34%
HSV	29°, 88%, 61%
XYZ	16.8752, 13.5092, 2.2904
YIQ	98.2920, 63.2270, -5.9970

Conversions

Conversions Part 2

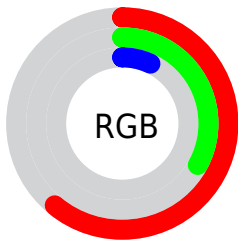
Format	Color
RYB	155, 149, 18
Decimal	10179858
CIELab	43.52, 24.47, 47.41
CIElCh	44, 53.353, 62.704
Yxy	13.5092, 0.5165, 0.4134
Android (android.graphics.Color)	4288369938 (0xFF9B5512)
YUV	98.2920, -39.5840, 49.7329
Hunter-Lab	36.7549, 17.6334, 22.0337

Details

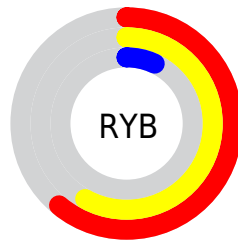
The XYZ color **16.8752, 13.5092, 2.2904** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **9.6554, 9.4742, 32.3298**, and the grayscale version is **11.7673, 12.3802, 13.4820**.

A 20% lighter version of the original color is **37.7625, 32.2047, 9.8561**, and **5.7301, 3.9829, 0.4668** is the 20% darker color. If you saturate the color by 10%, you get **16.1910, 12.2937, 1.5914**, and if you desaturate by 10%, it is **17.7067, 14.8965, 3.4181**.

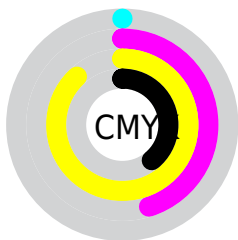
Distribution



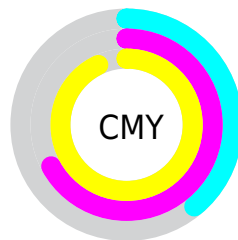
- Red (61%)
- Green (33%)
- Blue (7%)



- Red (61%)
- Yellow (58%)
- Blue (7%)



- Cyan (0%)
- Magenta (45%)
- Yellow (88%)
- Black (39%)



- Cyan (39%)
- Magenta (67%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.8752, 13.5092, 2.2904 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 16.8752, 13.5092, 2.2904 by changing the saturation by 10% instead.

■ 16.8752, 13.5092,
2.2904

■ 16.8752, 13.5092,
2.2904

227.6225,
214.1558, 126.7346

■ 10.2403, 7.7801,
0.7258

■ 37.6564, 32.2156,
9.8205

■ 5.6221, 3.9546,
0.0000

■ 52.5334, 45.9617,
16.6423

■ 2.6551, 1.6482,
0.0000

■ 70.8885, 63.1489,
26.0599

■ 0.9741, 0.3898,
0.0000

■ 93.0870, 84.1617,
38.4919

■ 0.0000, 0.0000,
0.0000

■ 119.4943,
109.3843, 54.3568

■ 150.4757,

139.2013, 74.0732

186.3967,
173.9970, 98.0596

16.8752, 13.5092,
2.2904

16.8752, 13.5092,
2.2904

16.1910, 12.2937,
1.5914

17.7067, 14.8965,
3.4181

16.0886, 12.1108,
1.4896

18.7103, 16.4672,
5.0984

19.9006, 18.2311,
7.3959

21.2898, 20.1963,
10.3661

22.8891, 22.3703,
14.0582

■ 24.7088, 24.7603,
18.5166

■ 26.7583, 27.3728,
23.7823

■ 29.0464, 30.2141,
29.8932

■ 31.5814, 33.2904,
36.8848

Harmonies

Analogous

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



20.8293, 13.5092, 5.4696



16.8752, 13.5092, 2.2904



12.4659, 13.5092, 1.6336

Triad

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



16.8752, 13.5092, 2.2904



6.3854, 13.5092, 15.8183



17.6728, 13.5092, 43.6917

Complementary

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



16.8752, 13.5092, 2.2904



9.6554, 9.4742, 32.3298

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.



13.2217, 13.5092, 51.5870



16.8752, 13.5092, 2.2904



7.2101, 13.5092, 30.9127

Square

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



16.8752, 13.5092, 2.2904



6.9559, 13.5092, 6.4973



9.5057, 13.5092, 45.9665



21.3554, 13.5092, 27.9380

Rectangle

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



16.8752, 13.5092, 2.2904



9.9897, 13.5092, 2.0728



9.5057, 13.5092, 45.9665



16.1868, 13.5092, 47.6471

Sweetspot

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



16.8755, 13.5099, 2.2906



44.5501, 44.7293, 33.9134



15.5279, 8.1188, 10.1525



9.8389, 9.8070, 7.0634



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



16.8755, 13.5099, 2.2906



28.6255, 21.3138, 2.6053



24.9714, 29.7017, 4.9893



6.4457, 6.6964, 6.5587



12.9606, 9.8035, 1.2092



0.2300, 0.2190, 0.0302

Inverse Universe

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



9.6554, 9.4742, 32.3298



15.4385, 13.9239, 57.4102



6.4211, 3.0056, 31.2517



6.1323, 6.5219, 7.8646



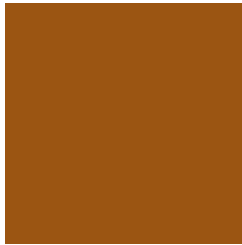
7.0473, 6.4913, 25.7892



0.1418, 0.1698, 0.3977

Previews

White Background



This preview shows how the XYZ color 16.8752, 13.5092, 2.2904 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 16.8752, 13.5092, 2.2904 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 16.8752, 13.5092, 2.2904

Background



This preview shows how black text looks on a background with the XYZ color 16.8752, 13.5092, 2.2904.



This preview shows how white text looks on a background with the XYZ color 16.8752, 13.5092,

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

16.8752, 13.5092, 2.2904

Protanopia

12.3074, 13.6755, 2.8016

Deuteranopia

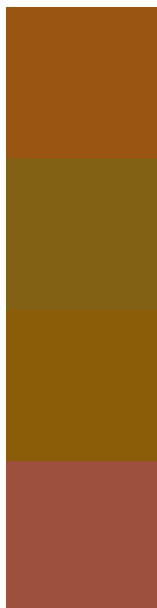
13.7387, 13.5650, 1.9516



Tritanopia

18.5362, 13.5169, 10.2264

Trichromacy



Original Color

16.8752, 13.5092, 2.2904

Protanomaly

13.6160, 13.3494, 2.5685

Deuteranomaly

14.7734, 13.4217, 2.0417

Tritanomaly

17.6894, 13.3899, 6.0671

Monochromacy



Original Color

16.8752, 13.5092, 2.2904

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

12.5963, 12.1803, 7.3174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.8752, 13.5092, 2.2904 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(155, 85, 18)` looks like.

```
.text, #text, p{  
    color:rgb(155, 85, 18)  
}
```

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(155, 85, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 85, 18) }
```

Border

The CSS property to change the border of an element to XYZ 16.8752, 13.5092, 2.2904 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(155, 85, 18) }
```


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

```
.border{ border-color:rgb(155, 85, 18) }
```

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

Here you see how a box with a 4 pixel rgb(155, 85, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 85, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 85, 18);  
box-shadow:4px 4px 4px 4px rgb(155, 85,  
18) }
```

Background

The CSS property to change the background color of an element to XYZ 16.8752, 13.5092, 2.2904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 85, 18) }
```

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

```
.background{ background-color: rgb(155, 85,  
18) }
```

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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