

Converting Colors

XYZ(17.4341, 14.5209, 2.8036)

Have a look what the booklet for
XYZ(17.4341, 14.5209, 2.8036)
contains.

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Color

**XYZ(17.4341, 14.5209,
2.8036)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 9B5B19 |
| RGB | 155, 91, 25 |
| RGB Percent | 61%, 36%, 10% |
| CMY | 0.3922, 0.6431, 0.9020 |
| CMYK | 0.00, 0.41, 0.84, 0.39 |
| HSL | 30°, 72%, 35% |
| HSV | 30°, 84%, 61% |
| XYZ | 17.4341, 14.5209, 2.8036 |
| YIQ | 102.6120, 59.3300, -6.9580 |

Conversions

Conversions Part 2

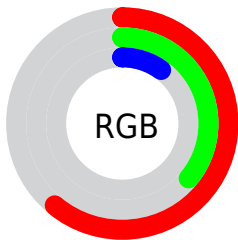
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 151, 155, 25 |
| Decimal | 10181401 |
| CIE _{Lab} | 44.97, 21.29, 46.06 |
| CIE _{LCh} | 45, 50.744, 65.199 |
| Yxy | 14.5209, 0.5016, 0.4178 |
| Android (android.graphics.Color) | 4288371481 (0xFF9B5B19) |
| YUV | 102.6120, -38.2627, 45.9443 |
| Hunter-Lab | 38.1063, 14.9799, 22.3123 |

Details

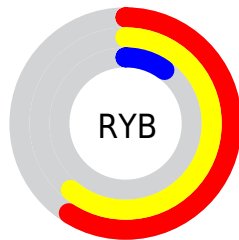
The XYZ color **17.4341, 14.5209, 2.8036** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **9.8894, 9.7174, 32.3645**, and the grayscale version is **12.8768, 13.5474, 14.7531**.

A 20% lighter version of the original color is **38.6746, 34.1501, 11.2099**, and **5.9377, 4.3980, 0.5360** is the 20% darker color. If you saturate the color by 10%, you get **16.6915, 13.2333, 1.9474**, and if you desaturate by 10%, it is **18.3364, 15.9798, 4.1705**.

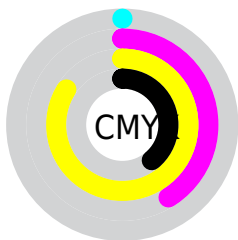
Distribution



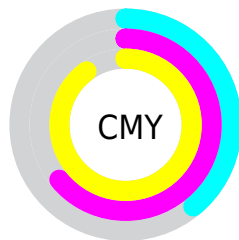
- Red (61%)
- Green (36%)
- Blue (10%)



- Red (59%)
- Yellow (61%)
- Blue (10%)



- Cyan (0%)
- Magenta (41%)
- Yellow (84%)
- Black (39%)





- Cyan (39%)
- Magenta (64%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.4341, 14.5209, 2.8036 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 17.4341, 14.5209, 2.8036 by changing the saturation by 10% instead.


 17.4341, 14.5209,
2.8036


 17.4341, 14.5209,
2.8036


230.7695,
220.4477, 133.8185


 10.6417, 8.4838,
0.9952


 38.6083, 34.0105,
11.1398


 5.8920, 4.4061,
0.0000

 53.7209, 48.2318,
18.5048


 2.8195, 1.9032,
0.0000

 72.3375, 65.9500,
28.5591

 1.0591, 0.5503,
0.0000


 94.8236, 87.5494,
41.7211


 0.0000, 0.0000,
0.0000


 121.5445,
113.4145, 58.4096


 152.8655,


143.9297, 79.0429


 189.1521,
179.4793, 104.0397


 17.4341, 14.5209,
2.8036


 17.4341, 14.5209,
2.8036


 16.6915, 13.2333,
1.9474


 18.3364, 15.9798,
4.1705

 16.2916, 12.5168,
1.5573

 19.4127, 17.6168,
6.1188

 20.6765, 19.4409,
8.7087

 22.1392, 21.4595,
11.9924

 23.8115, 23.6794,
16.0167

■ 25.7028, 26.1071,
20.8244

■ 27.8223, 28.7487,
26.4550

■ 30.1782, 31.6101,
32.9451

■ 32.7785, 34.6967,
40.3292

Harmonies

Analogous

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



21.4195, 14.5209, 5.9446



17.4341, 14.5209, 2.8036



13.0898, 14.5209, 2.2138

Triad

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



17.4341, 14.5209, 2.8036



7.2727, 14.5209, 17.9777



18.9419, 14.5209, 42.8708

Complementary

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



17.4341, 14.5209, 2.8036



9.8894, 9.7174, 32.3645

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.



14.5389, 14.5209, 51.3308



17.4341, 14.5209, 2.8036



8.2453, 14.5209, 33.0215

Square

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



17.4341, 14.5209, 2.8036



7.7421, 14.5209, 8.0201



10.7125, 14.5209, 47.0332



22.4054, 14.5209, 27.4908

Rectangle

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



17.4341, 14.5209, 2.8036



10.6700, 14.5209, 2.8249



10.7125, 14.5209, 47.0332



17.4931, 14.5209, 46.8942

Sweetspot

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



17.4344, 14.5217, 2.8039



45.4562, 46.0264, 35.8036



15.7106, 8.4020, 10.4667



10.0327, 10.0910, 7.4477



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.



17.4344, 14.5217, 2.8039



28.9876, 22.0380, 2.7260



25.4142, 30.4812, 5.4638



6.4550, 6.7151, 6.5618



13.1239, 10.1302, 1.2636



0.2326, 0.2242, 0.0310

Inverse Universe

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



9.8894, 9.7174, 32.3645



15.0735, 13.1940, 57.2885



6.6650, 3.2686, 31.2897



6.1230, 6.5033, 7.8615



6.8828, 6.1622, 25.7344



0.1392, 0.1647, 0.3968

Previews

White Background



This preview shows how the XYZ color 17.4341, 14.5209, 2.8036 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 17.4341, 14.5209, 2.8036 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 17.4341, 14.5209, 2.8036

Background



This preview shows how black text looks on a background with the XYZ color 17.4341, 14.5209, 2.8036.



This preview shows how white text looks on a background with the XYZ color 17.4341, 14.5209,

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

17.4341, 14.5209, 2.8036

Protanopia

13.2252, 14.5972, 3.2829

Deuteranopia

14.7716, 14.5088, 2.6837



Tritanopia

19.2374, 14.5214, 11.6865

Trichromacy



Original Color

17.4341, 14.5209, 2.8036

Protanomaly

14.5361, 14.3777, 3.1077

Deuteranomaly

15.5748, 14.3581, 2.7096

Tritanomaly

18.3259, 14.3897, 7.1218

Monochromacy



Original Color

17.4341, 14.5209, 2.8036

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.7579, 13.5693, 8.5506

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4341, 14.5209, 2.8036 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, 91, 25)` looks like.

```
.text, #text, p{  
  color:rgb(155, 91, 25)  
}
```

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, 91, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 91, 25) }
```

Border

The CSS property to change the border of an element to XYZ 17.4341, 14.5209, 2.8036 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, 91, 25) }
```


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

```
.border{ border-color:rgb(155, 91, 25) }
```

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

Here you see how a box with a 4 pixel rgb(155, 91, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 91, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 91, 25);  
box-shadow:4px 4px 4px 4px rgb(155, 91,  
25) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4341, 14.5209, 2.8036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 91, 25) }
```

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

```
.background{ background-color: rgb(155, 91,  
25) }
```

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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