

Converting Colors

XYZ(17.2914, 13.6216, 1.7179)

Have a look what the booklet for
XYZ(17.2914, 13.6216, 1.7179)
contains.

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Color

**XYZ(17.2709, 13.6097,
1.7167)**

Conversions

Conversions Part 1

Format	Color
Hex	9E5400
RGB	158, 84, 0
RGB Percent	62%, 33%, 0%
CMY	0.3804, 0.6706, 1.0000
CMYK	0.00, 0.47, 1.00, 0.38
HSL	32°, 100%, 31%
HSV	32°, 100%, 62%
XYZ	17.2709, 13.6097, 1.7167
YIQ	96.5500, 71.0680, -10.4360

Conversions

Conversions Part 2

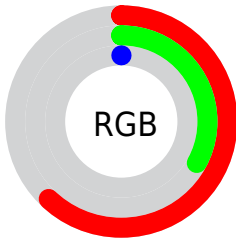
Format	Color
R_{YB}	139, 158, 0
Decimal	10376192
CIE _{Lab}	43.67, 26.01, 52.73
CIE _{LCh}	44, 58.793, 63.740
Yxy	13.6097, 0.5298, 0.4175
Android (android.graphics.Color)	4288566272 (0xFF9E5400)
YUV	96.5500, -47.5991, 53.8917
Hunter-Lab	36.8913, 19.0060, 23.0649

Details

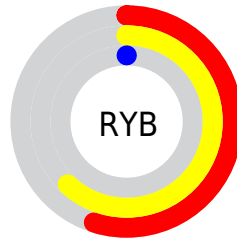
The XYZ color **17.2709, 13.6097, 1.7167** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **8.6204, 7.3663, 33.3151**, and the grayscale version is **11.3531, 11.9443, 13.0074**.

A 20% lighter version of the original color is **38.2023, 32.2611, 8.2165**, and **5.9171, 4.0325, 0.4665** is the 20% darker color. If you saturate the color by 10%, you get **17.2710, 13.6100, 1.7167**, and if you desaturate by 10%, it is **17.9683, 14.8574, 2.4033**.

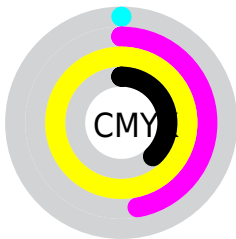
Distribution



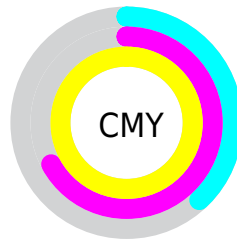
- Red (62%)
- Green (33%)
- Blue (0%)



- Red (55%)
- Yellow (62%)
- Blue (0%)



- Cyan (0%)
- Magenta (47%)
- Yellow (100%)
- Black (38%)





- Cyan (38%)
- Magenta (67%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2709, 13.6097, 1.7167 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 17.2709, 13.6097, 1.7167 by changing the saturation by 10% instead.


 17.2709, 13.6097,
1.7167


 17.2709, 13.6097,
1.7167

 229.8546,
214.7890, 117.8100


 10.5243, 7.8497,
0.3721


 38.3309, 32.3949,
8.2507

 5.8129, 3.9989,
0.0000

 53.3750, 46.1889,
14.3902

 2.7712, 1.6730,
0.0000

 71.9156, 63.4296,
23.0028

 1.0340, 0.4061,
0.0000

 94.3182, 84.5016,
34.5069


 0.0000, 0.0000,
0.0000


 120.9480,
109.7891, 49.3211


 152.1705,


139.6766, 67.8640


 188.3509,
174.5484, 90.5541


 17.2709, 13.6097,
1.7167


 17.2709, 13.6097,
1.7167


 17.2710, 13.6100,
1.7167

 17.9683, 14.8574,
2.4033

 18.7992, 16.2578,
3.4858

 19.7969, 17.8277,
5.1301

 20.9761, 19.5756,
7.4057

 22.3497, 21.5092,
10.3719

■ 23.9291, 23.6355,
14.0810

■ 25.7245, 25.9609,
18.5803

■ 27.7455, 28.4917,
23.9131

■ 30.0011, 31.2337,
30.1195

Harmonies

Analogous

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



21.8037, 13.6097, 4.7126



17.2709, 13.6097, 1.7167



12.3655, 13.6097, 1.1759

Triad

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



17.2709, 13.6097, 1.7167



5.9491, 13.6097, 16.5386



18.5150, 13.6097, 47.5762

Complementary

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



17.2709, 13.6097, 1.7167



8.6204, 7.3663, 33.3151

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.



13.5230, 13.6097, 57.3768



17.2709, 13.6097, 1.7167



6.8721, 13.6097, 33.8833

Square

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



17.2709, 13.6097, 1.7167



6.4995, 13.6097, 6.1806



9.3943, 13.6097, 51.2752



22.6336, 13.6097, 29.1412

Rectangle

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



17.2709, 13.6097, 1.7167



9.6828, 13.6097, 1.6069



9.3943, 13.6097, 51.2752



16.8458, 13.6097, 52.3627

Sweetspot

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



17.2712, 13.6104, 1.7169



46.5123, 46.8860, 33.2190



15.4179, 7.7961, 7.5972



10.1854, 10.1841, 6.7253



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



17.2712, 13.6104, 1.7169



31.1625, 24.3125, 3.0503



25.8149, 31.4585, 4.7117



6.9103, 7.2007, 7.0113



13.8721, 10.9798, 1.3882



0.2902, 0.2807, 0.0389

Inverse Universe

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



8.6204, 7.3663, 33.3151



15.4578, 12.9836, 60.4348



6.2046, 2.4858, 32.5004



6.5280, 6.9218, 8.3987



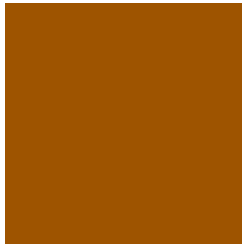
6.9428, 5.9771, 26.6950



0.1662, 0.1909, 0.4913

Previews

White Background



This preview shows how the XYZ color 17.2709, 13.6097, 1.7167 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 17.2709, 13.6097, 1.7167 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 17.2709, 13.6097, 1.7167

Background



This preview shows how black text looks on a background with the XYZ color 17.2709, 13.6097, 1.7167.



This preview shows how white text looks on a background with the XYZ color 17.2709, 13.6097,

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

17.2709, 13.6097, 1.7167

Protanopia

12.3591, 13.7116, 2.3760

Deuteranopia

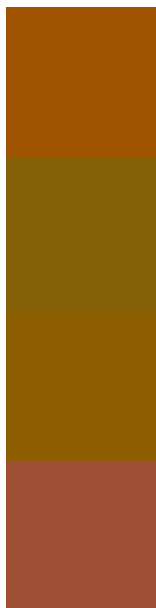
13.8219, 13.7490, 1.9253



Tritanopia

19.0226, 13.6659, 10.0227

Trichromacy



Original Color

17.2709, 13.6097, 1.7167

Protanomaly

13.8342, 13.4725, 2.1010

Deuteranomaly

14.9872, 13.6681, 1.8483

Tritanomaly

18.0085, 13.4679, 5.0186

Monochromacy



Original Color

17.2709, 13.6097, 1.7167

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

12.3044, 11.9240, 6.2105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2709, 13.6097, 1.7167 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(158, 84, 0)` looks like.

```
.text, #text, p{  
  color:rgb(158, 84, 0)  
}
```

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(158, 84, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 84, 0) }
```

Border

The CSS property to change the border of an element to XYZ 17.2709, 13.6097, 1.7167 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(158, 84, 0) }
```


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

```
.border{ border-color:rgb(158, 84, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 84, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 84, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 84, 0);  
box-shadow:4px 4px 4px 4px rgb(158, 84, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 17.2709, 13.6097, 1.7167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 84, 0) }
```

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

```
.background{ background-color: rgb(158, 84,  
0) }
```

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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