

Converting Colors

XYZ(17.4600, 15.2680, 1.2798)

Have a look what the booklet for
XYZ(17.4600, 15.2680, 1.2798)
contains.

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Color

**XYZ(17.5093, 15.2358,
2.0180)**

Conversions

Conversions Part 1

Format	Color
Hex	9A6000
RGB	154, 96, 0
RGB Percent	60%, 38%, 0%
CMY	0.3961, 0.6235, 1.0000
CMYK	0.00, 0.38, 1.00, 0.40
HSL	37°, 100%, 30%
HSV	37°, 100%, 60%
XYZ	17.5093, 15.2358, 2.0180
YIQ	102.3980, 65.3840, -17.5600

Conversions

Conversions Part 2

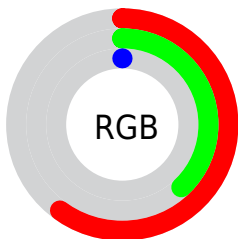
Format	Color
R_{YB}	93, 154, 0
Decimal	10117120
CIE _{Lab}	45.96, 17.45, 53.89
CIE _{LCh}	46, 56.646, 72.059
Yxy	15.2358, 0.5037, 0.4383
Android (android.graphics.Color)	4288307200 (0xFF9A6000)
YUV	102.3980, -50.4822, 45.2550
Hunter-Lab	39.0331, 11.7630, 24.2579

Details

The XYZ color **17.5093, 15.2358, 2.0180** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **7.3458, 5.3593, 31.2188**, and the grayscale version is **12.8506, 13.5198, 14.7231**.

A 20% lighter version of the original color is **38.6899, 35.3398, 9.0571**, and **6.0704, 4.8226, 0.6109** is the 20% darker color. If you saturate the color by 10%, you get **17.5094, 15.2361, 2.0180**, and if you desaturate by 10%, it is **18.1476, 16.3700, 2.6705**.

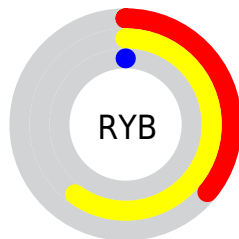
Distribution



Red (60%)

Green (38%)

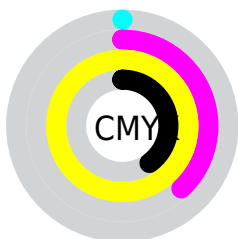
Blue (0%)



Red (36%)

Yellow (60%)

Blue (0%)

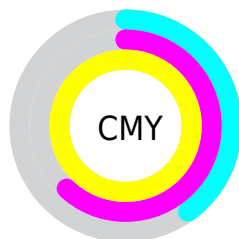


Cyan (0%)

Magenta (38%)

Yellow (100%)

Black (40%)



Cyan (40%)

Magenta (62%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5093, 15.2358, 2.0180 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 17.5093, 15.2358, 2.0180 by changing the saturation by 10% instead.

■ 17.5093, 15.2358,
2.0180

■ 17.5093, 15.2358,
2.0180

■ 231.1899,
224.7891, 122.6556

■ 10.6958, 8.9850,
0.5663

■ 38.7361, 35.2663,
9.0900

■ 5.9285, 4.7314,
0.0000

■ 53.8801, 49.8149,
15.5995

■ 2.8419, 2.0906,
0.0000

■ 72.5316, 67.8981,
24.6496

■ 1.0707, 0.6593,
0.0000

■ 95.0560, 89.9005,
36.6586

■ 0.0004, 0.0000,
0.0000

■ 121.8187,
116.2064, 52.0452

■ 0.0000, 0.0000,
0.0000

■ 153.1850,

147.2002, 71.2279

■ 189.5203,
183.2663, 94.6252

■ 17.5093, 15.2358,
2.0180

■ 17.5093, 15.2358,
2.0180

■ 17.5094, 15.2361,
2.0180

■ 18.1476, 16.3700,
2.6705

■ 18.8920, 17.6097,
3.6863

■ 19.7738, 18.9694,
5.2254

■ 20.8061, 20.4556,
7.3527

■ 22.0001, 22.0739,
10.1234

■ 23.3657, 23.8295,
13.5865

■ 24.9120, 25.7271,
17.7860

■ 26.6473, 27.7711,
22.7624

■ 28.5793, 29.9658,
28.5530

Harmonies

Analogous

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



22.4571, 15.2358, 4.4464



17.5093, 15.2358, 2.0180



12.6400, 15.2358, 1.8508

Triad

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



17.5093, 15.2358, 2.0180



7.2095, 15.2358, 22.7364



21.5732, 15.2358, 44.9112

Complementary

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



17.5093, 15.2358, 2.0180



7.3458, 5.3593, 31.2188

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.



16.4930, 15.2358, 58.0969



17.5093, 15.2358, 2.0180



8.6602, 15.2358, 41.2933

Square

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



17.5093, 15.2358, 2.0180



7.3643, 15.2358, 9.7153



11.8240, 15.2358, 56.4955



25.1366, 15.2358, 26.1191

Rectangle

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



17.5093, 15.2358, 2.0180



10.1198, 15.2358, 2.7686



11.8240, 15.2358, 56.4955



19.9440, 15.2358, 50.5145

Sweetspot

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



17.5096, 15.2366, 2.0183



45.0754, 46.5195, 31.8086



14.1167, 7.1862, 4.7857



9.9455, 10.2173, 6.4916



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.



17.5096, 15.2366, 2.0183



31.6162, 27.2953, 3.6022



21.7143, 28.3480, 4.3274



6.5133, 6.8317, 6.5812



14.3006, 12.4836, 1.6559



0.2486, 0.2562, 0.0364

Inverse Universe

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



7.3458, 5.3593, 31.2188



13.1709, 9.3888, 56.6543



6.0817, 2.4615, 30.7261



6.0656, 6.3885, 7.8424



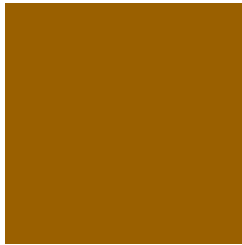
6.0169, 4.4305, 25.4458



0.1232, 0.1327, 0.3915

Previews

White Background



This preview shows how the XYZ color 17.5093, 15.2358, 2.0180 looks on a white background.

Color Contrast Check

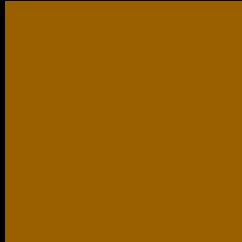
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.5093, 15.2358, 2.0180 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 17.5093, 15.2358, 2.0180

Background



This preview shows how black text looks on a background with the XYZ color 17.5093, 15.2358, 2.0180.



This preview shows how white text looks on a background with the XYZ color 17.5093, 15.2358,

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

17.5093, 15.2358, 2.0180

Protanopia

13.8047, 15.3870, 2.5590

Deuteranopia

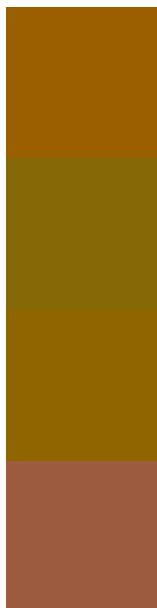
15.4315, 15.3039, 2.1406



Tritanopia

19.7842, 15.2584, 12.9687

Trichromacy



Original Color

17.5093, 15.2358, 2.0180

Protanomaly

14.9214, 15.1868, 2.3459

Deuteranomaly

16.1553, 15.2367, 2.0895

Tritanomaly

18.5741, 15.1593, 6.3620

Monochromacy



Original Color

17.5093, 15.2358, 2.0180

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.3965, 13.5609, 6.9125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5093, 15.2358, 2.0180 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(154, 96, 0)` looks like.

```
.text, #text, p{  
    color:rgb(154, 96, 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(154, 96, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 96, 0) }
```

Border

The CSS property to change the border of an element to XYZ 17.5093, 15.2358, 2.0180 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(154, 96, 0) }
```


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

```
.border{ border-color:rgb(154, 96, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 96, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 96, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 96, 0);  
box-shadow:4px 4px 4px 4px rgb(154, 96, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 17.5093, 15.2358, 2.0180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 96, 0) }
```

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

```
.background{ background-color: rgb(154, 96,  
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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