

Converting Colors

XYZ(17.8646, 13.5750, 1.7935)

Have a look what the booklet for
XYZ(17.8646, 13.5750, 1.7935)
contains.

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Color

**XYZ(17.8646, 13.5750,
1.7935)**

Conversions

Conversions Part 1

Format	Color
Hex	A25104
RGB	162, 81, 4
RGB Percent	64%, 32%, 2%
CMY	0.3647, 0.6823, 0.9843
CMYK	0.00, 0.50, 0.98, 0.36
HSL	29°, 95%, 33%
HSV	29°, 98%, 64%
XYZ	17.8646, 13.5750, 1.7935
YIQ	96.4410, 72.9930, -6.7750

Conversions

Conversions Part 2

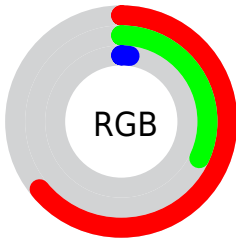
Format	Color
RYB	162, 154, 4
Decimal	10637572
CIELab	43.62, 29.44, 51.90
CIELCh	44, 59.669, 60.437
Yxy	13.5750, 0.5376, 0.4085
Android (android.graphics.Color)	4288827652 (0xFFA25104)
YUV	96.4410, -45.5734, 57.4952
Hunter-Lab	36.8443, 22.0714, 22.9049

Details

The XYZ color **17.8646, 13.5750, 1.7935** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **9.8198, 9.1309, 35.4269**, and the grayscale version is **11.3212, 11.9108, 12.9709**.

A 20% lighter version of the original color is **39.4983, 32.5167, 8.4695**, and **6.1655, 4.0276, 0.4524** is the 20% darker color. If you saturate the color by 10%, you get **17.6928, 13.2666, 1.6282**, and if you desaturate by 10%, it is **18.6264, 14.9290, 2.5712**.

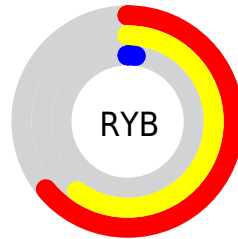
Distribution



Red (64%)

Green (32%)

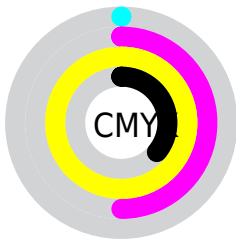
Blue (2%)



Red (64%)

Yellow (60%)

Blue (2%)

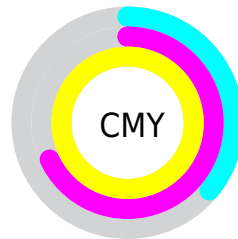


Cyan (0%)

Magenta (50%)

Yellow (98%)

Black (36%)



Cyan (36%)

Magenta (68%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8646, 13.5750, 1.7935 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 17.8646, 13.5750, 1.7935 by changing the saturation by 10% instead.

■ 17.8646, 13.5750,
1.7935

■ 17.8646, 13.5750,
1.7935

■ 233.1671,
214.5706, 119.0831

■ 10.9519, 7.8257,
0.4237

■ 39.3384, 32.3330,
8.4682

■ 6.1016, 3.9836,
0.0000

■ 54.6302, 46.1105,
14.7048

■ 2.9482, 1.6644,
0.0000

■ 73.4457, 63.3328,
23.4324

■ 1.1264, 0.4004,
0.0000

■ 96.1504, 84.3843,
35.0694


■ 0.0470, 0.0000,
0.0000


■ 123.1095,
109.6495, 50.0345


■ 0.0000, 0.0000,
0.0000


■ 154.6884,


139.5126, 68.7461


 191.2525,
174.3582, 91.6228


 17.8646, 13.5750,
1.7935


 17.8646, 13.5750,
1.7935


 17.6928, 13.2666,
1.6282

 18.6264, 14.9290,
2.5712

 19.5565, 16.4746,
3.8506

 20.6793, 18.2261,
5.7485

 22.0108, 20.1937,
8.3358

 23.5645, 22.3864,
11.6738

■ 25.3529, 24.8126,
15.8170

■ 27.3872, 27.4802,
20.8146

■ 29.6781, 30.3966,
26.7119

■ 32.2352, 33.5689,
33.5510

Harmonies

Analogous

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



22.3070, 13.5750, 5.1996



17.8646, 13.5750, 1.7935



12.8342, 13.5750, 1.0913

Triad

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



17.8646, 13.5750, 1.7935



5.8403, 13.5750, 14.9780



18.0125, 13.5750, 49.9356

Complementary

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



17.8646, 13.5750, 1.7935



9.8198, 9.1309, 35.4269

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.



12.9713, 13.5750, 58.3542



17.8646, 13.5750, 1.7935



6.6012, 13.5750, 32.0317

Square

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



17.8646, 13.5750, 1.7935



6.5574, 13.5750, 5.3709



8.9567, 13.5750, 50.3789



22.4058, 13.5750, 31.4658

Rectangle

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



17.8646, 13.5750, 1.7935



10.0118, 13.5750, 1.4018



8.9567, 13.5750, 50.3789



16.3024, 13.5750, 54.4017

Sweetspot

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



17.8649, 13.5757, 1.7937



48.9362, 48.8733, 35.8232



16.6086, 8.4342, 9.4796



10.6490, 10.5298, 7.2020



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.



17.8649, 13.5757, 1.7937



31.9160, 23.6758, 2.8877



27.3832, 32.6124, 4.9665



7.3454, 7.6291, 7.4655



13.9819, 10.5377, 1.2970



0.3411, 0.3160, 0.0430

Inverse Universe

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



9.8198, 9.1309, 35.4269



17.2548, 15.5663, 64.1513



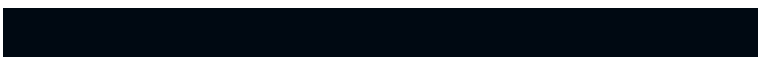
6.6436, 2.7785, 34.3682



6.9866, 7.4322, 8.9694



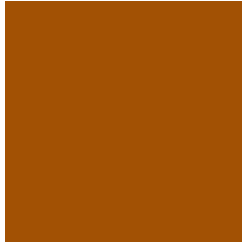
7.6209, 7.0212, 27.8833



0.2073, 0.2418, 0.6016

Previews

White Background



This preview shows how the XYZ color 17.8646, 13.5750, 1.7935 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 17.8646, 13.5750, 1.7935 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 17.8646, 13.5750, 1.7935

Background



This preview shows how black text looks on a background with the XYZ color 17.8646, 13.5750, 1.7935.



This preview shows how white text looks on a background with the XYZ color 17.8646, 13.5750,

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

17.8646, 13.5750, 1.7935

Protanopia

12.3727, 13.7170, 2.4475

Deuteranopia

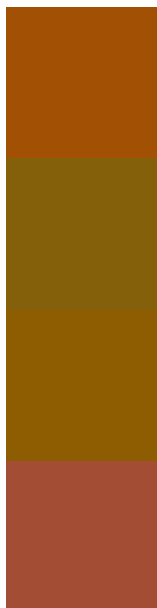
13.7278, 13.5607, 1.8939



Tritanopia

19.2739, 13.5039, 9.1801

Trichromacy



Original Color

17.8646, 13.5750, 1.7935

Protanomaly

13.9161, 13.3764, 2.1651

Deuteranomaly

14.9880, 13.4073, 1.8266

Tritanomaly

18.3780, 13.3422, 4.8555

Monochromacy



Original Color

17.8646, 13.5750, 1.7935

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

12.3840, 11.8341, 6.3341

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8646, 13.5750, 1.7935 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(162, 81, 4)` looks like.

```
.text, #text, p{  
    color:rgb(162, 81, 4)  
}
```

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(162, 81, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 81, 4) }
```

Border

The CSS property to change the border of an element to XYZ 17.8646, 13.5750, 1.7935 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(162, 81, 4) }
```


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

```
.border{ border-color:rgb(162, 81, 4) }
```

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

Here you see how a box with a 4 pixel rgb(162, 81, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 81, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 81, 4);  
box-shadow:4px 4px 4px 4px rgb(162, 81, 4)  
}
```

Background

The CSS property to change the background color of an element to XYZ 17.8646, 13.5750, 1.7935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 81, 4) }
```

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

```
.background{ background-color: rgb(162, 81,  
4) }
```

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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