

Converting Colors

XYZ(25.1349, 17.5437, 2.3200)

Have a look what the booklet for
XYZ(25.1349, 17.5437, 2.3200)
contains.

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Color

**XYZ(25.1349, 17.5437,
2.3200)**

Conversions

Conversions Part 1

Format	Color
Hex	C15309
RGB	193, 83, 9
RGB Percent	76%, 33%, 4%
CMY	0.2431, 0.6745, 0.9647
CMYK	0.00, 0.57, 0.95, 0.24
HSL	24°, 91%, 40%
HSV	24°, 95%, 76%
XYZ	25.1349, 17.5437, 2.3200
YIQ	107.4540, 89.3140, 0.3060

Conversions

Conversions Part 2

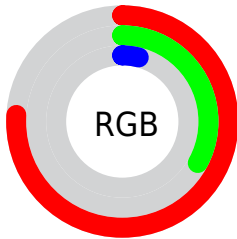
Format	Color
RYB	193, 133, 9
Decimal	12669705
CIELab	48.94, 41.03, 56.52
CIElCh	49, 69.839, 54.021
Yxy	17.5437, 0.5586, 0.3899
Android (android.graphics.Color)	4290859785 (0xFFC15309)
YUV	107.4540, -48.5378, 75.0238
Hunter-Lab	41.8852, 33.8170, 26.0356

Details

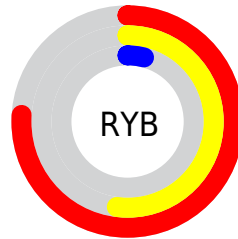
The XYZ color **25.1349, 17.5437, 2.3200** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **16.3348, 17.1015, 52.8917**, and the grayscale version is **14.2157, 14.9561, 16.2871**.

A 20% lighter version of the original color is **50.8581, 38.9696, 9.8424**, and **10.0057, 5.8855, 0.6087** is the 20% darker color. If you saturate the color by 10%, you get **24.6899, 16.7328, 1.9285**, and if you desaturate by 10%, it is **26.2567, 19.5253, 3.5027**.

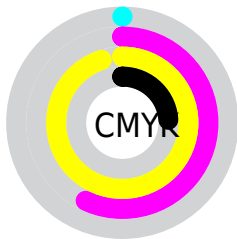
Distribution



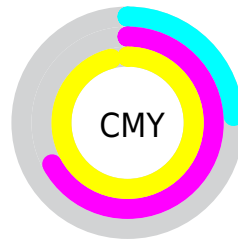
- Red (76%)
- Green (33%)
- Blue (4%)



- Red (76%)
- Yellow (52%)
- Blue (4%)



- Cyan (0%)
- Magenta (57%)
- Yellow (95%)
- Black (24%)



- Cyan (24%)
- Magenta (67%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1349, 17.5437, 2.3200 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 25.1349, 17.5437, 2.3200 by changing the saturation by 10% instead.

■ 25.1349, 17.5437,
2.3200

■ 25.1349, 17.5437,
2.3200

270.8443,
238.2864, 127.1631

■ 16.3069, 10.6229,
0.7424

■ 51.3173, 39.2582,
9.8985

■ 9.8338, 5.8139,
0.0000

■ 69.4024, 54.8208,
16.7531

■ 5.3503, 2.7322,
0.0000

■ 91.3038, 74.0327,
26.2093

■ 2.4911, 0.9936,
0.0000

■ 117.3870, 97.2783,
38.6856

■ 0.8908, 0.0000,
0.0000


■ 148.0173,
124.9421, 54.6006


■ 0.0000, 0.0000,
0.0000


■ 183.5601,


157.4085, 74.3728


 224.3806,
195.0618, 98.4208


 25.1349, 17.5437,
2.3200


 25.1349, 17.5437,
2.3200


 24.6899, 16.7328,
1.9285

 26.2567, 19.5253,
3.5027

 27.6800, 21.8725,
5.5167

 29.4362, 24.6090,
8.4938

 31.5511, 27.7546,
12.5417

 34.0479, 31.3276,
17.7534

■ 36.9474, 35.3451,
24.2117

■ 40.2686, 39.8229,
31.9918

■ 44.0293, 44.7761,
41.1629

■ 48.2462, 50.2190,
51.7892

Harmonies

Analogous

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



30.8709, 17.5437, 7.9331



25.1349, 17.5437, 2.3200



18.0090, 17.5437, 1.0450

Triad

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



25.1349, 17.5437, 2.3200



7.0868, 17.5437, 15.6153



22.2891, 17.5437, 73.8880

Complementary

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



25.1349, 17.5437, 2.3200



16.3348, 17.1015, 52.8917

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.



15.4081, 17.5437, 81.2700



25.1349, 17.5437, 2.3200



7.6750, 17.5437, 37.6608

Square

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



25.1349, 17.5437, 2.3200



8.4765, 17.5437, 4.8574



10.3643, 17.5437, 65.0873



28.9518, 17.5437, 48.7385

Rectangle

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



25.1349, 17.5437, 2.3200



13.8299, 17.5437, 1.1756



10.3643, 17.5437, 65.0873



19.8852, 17.5437, 79.0058

Sweetspot

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



25.1353, 17.5447, 2.3203



69.5775, 67.9177, 51.2618



25.4439, 12.8744, 18.7235



14.3871, 13.8406, 9.7406



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



25.1353, 17.5447, 2.3203



43.9946, 29.5178, 3.3787



37.2937, 41.8615, 6.3731



10.3983, 10.7280, 10.5845



16.4956, 11.2770, 1.3073



0.7802, 0.6222, 0.0790

Inverse Universe

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



16.3348, 17.1015, 52.8917



28.0491, 28.5148, 94.3858



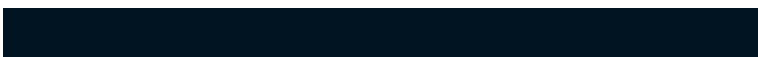
10.1396, 4.7109, 50.8266



10.0177, 10.7267, 12.8273



10.5885, 10.9334, 35.1089



0.5236, 0.6045, 1.5390

Previews

White Background



This preview shows how the XYZ color 25.1349, 17.5437, 2.3200 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 25.1349, 17.5437, 2.3200 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.1349, 17.5437, 2.3200

Background



This preview shows how black text looks on a background with the XYZ color 25.1349, 17.5437, 2.3200.



This preview shows how white text looks on a background with the XYZ color 25.1349, 17.5437,

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

25.1349, 17.5437, 2.3200

Protanopia

16.0124, 17.6823, 3.2785

Deuteranopia

17.8972, 17.6648, 2.4664



Tritanopia

26.6825, 17.5191, 9.9578

Trichromacy



Original Color

25.1349, 17.5437, 2.3200

Protanomaly

18.4792, 17.0136, 2.8403

Deuteranomaly

19.9800, 17.2064, 2.3543

Tritanomaly

25.7337, 17.3371, 5.6045

Monochromacy



Original Color

25.1349, 17.5437, 2.3200

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

15.9862, 14.5936, 7.9355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1349, 17.5437, 2.3200 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(193, 83, 9)` looks like.

```
.text, #text, p{  
    color:rgb(193, 83, 9)  
}
```

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(193, 83, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 83, 9) }
```

Border

The CSS property to change the border of an element to XYZ 25.1349, 17.5437, 2.3200 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(193, 83, 9) }
```


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

```
.border{ border-color:rgb(193, 83, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 83, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 83, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 83, 9);  
box-shadow:4px 4px 4px 4px rgb(193, 83, 9)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.1349, 17.5437, 2.3200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 83, 9) }
```

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

```
.background{ background-color: rgb(193, 83,  
9) }
```

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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