

Converting Colors

XYZ(25.2537, 17.2728, 2.6837)

Have a look what the booklet for
XYZ(25.2537, 17.2728, 2.6837)
contains.

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Color

**XYZ(25.2431, 17.2572,
2.6623)**

Conversions

Conversions Part 1

Format	Color
Hex	C25014
RGB	194, 80, 20
RGB Percent	76%, 31%, 8%
CMY	0.2392, 0.6862, 0.9216
CMYK	0.00, 0.59, 0.90, 0.24
HSL	21°, 81%, 42%
HSV	21°, 90%, 76%
XYZ	25.2431, 17.2572, 2.6623
YIQ	107.2460, 87.2040, 5.5080

Conversions

Conversions Part 2

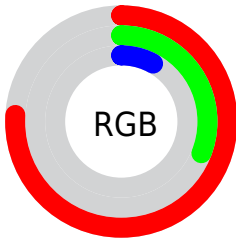
Format	Color
RYB	194, 112, 20
Decimal	12734484
CIELab	48.58, 43.02, 53.30
CIElCh	49, 68.496, 51.091
Yxy	17.2572, 0.5589, 0.3821
Android (android.graphics.Color)	4290924564 (0xFFC25014)
YUV	107.2460, -43.0123, 76.0833
Hunter-Lab	41.5418, 35.7684, 25.2795

Details

The XYZ color **25.2431, 17.2572, 2.6623** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed red. A complement of this color would be **18.5503, 21.0922, 54.1321**, and the grayscale version is **14.1430, 14.8796, 16.2038**.

A 20% lighter version of the original color is **50.7649, 38.4900, 10.7149**, and **10.0648, 5.7704, 0.5833** is the 20% darker color. If you saturate the color by 10%, you get **24.2762, 15.5204, 1.7335**, and if you desaturate by 10%, it is **26.5104, 19.3975, 4.3014**.

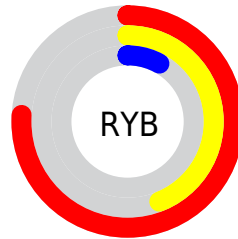
Distribution



Red (76%)

Green (31%)

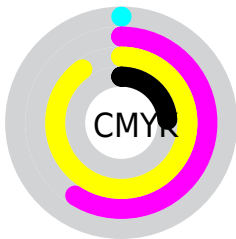
Blue (8%)



Red (76%)

Yellow (44%)

Blue (8%)

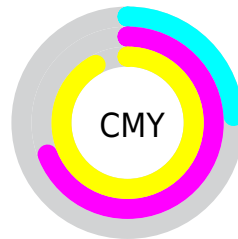


Cyan (0%)

Magenta (59%)

Yellow (90%)

Black (24%)



Cyan (24%)


Magenta (69%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.2431, 17.2572, 2.6623 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 25.2431, 17.2572, 2.6623 by changing the saturation by 10% instead.


 25.2431, 17.2572,
2.6623


 25.2431, 17.2572,
2.6623


271.3718,
236.6502, 131.9360


 16.3880, 10.4180,
0.9244


 51.4914, 38.7675,
10.7831


 9.8917, 5.6770,
0.0000


 69.6152, 54.2074,
18.0036

 5.3889, 2.6497,
0.0000

 91.5594, 73.2829,
27.8889

 2.5143, 0.9517,
0.0000

 117.6892, 96.3786,
40.8575

 0.9025, 0.0000,
0.0000

 148.3699,
123.8788, 57.3280

 0.0000, 0.0000,
0.0000

 183.9671,

156.1679, 77.7189

■ 224.8459,
193.6302, 102.4487

■ 25.2431, 17.2572,
2.6623

■ 25.2431, 17.2572,
2.6623

■ 24.2762, 15.5204,
1.7335

■ 26.5104, 19.3975,
4.3014

■ 24.2494, 15.4721,
1.7083

■ 28.1274, 21.9732,
6.8695

■ 30.1249, 25.0112,
10.4855

■ 32.5294, 28.5348,
15.2501

■ 35.3650, 32.5657,
21.2519

■ 38.6535, 37.1242,
28.5708

■ 42.4151, 42.2293,
37.2799

■ 46.6690, 47.8989,
47.4468

■ 51.4328, 54.1504,
59.1349

Harmonies

Analogous

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



30.4912, 17.2572, 8.8703



25.2431, 17.2572, 2.6623



18.3499, 17.2572, 1.1342

Triad

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



25.2431, 17.2572, 2.6623



7.1128, 17.2572, 13.9154



21.1567, 17.2572, 73.2647

Complementary

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



25.2431, 17.2572, 2.6623



18.5503, 21.0922, 54.1321

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.



14.5979, 17.2572, 78.0850



25.2431, 17.2572, 2.6623



7.5006, 17.2572, 34.2344

Square

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



25.2431, 17.2572, 2.6623



8.6696, 17.2572, 4.3417



9.9124, 17.2572, 60.7503



27.7433, 17.2572, 50.0684

Rectangle

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



25.2431, 17.2572, 2.6623



14.1818, 17.2572, 1.1699



9.9124, 17.2572, 60.7503



18.8436, 17.2572, 77.4938

Sweetspot

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



25.2435, 17.2582, 2.6626



71.4960, 69.2642, 55.1072



26.9421, 13.7472, 24.5261



15.1665, 14.4966, 10.9515



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



25.2435, 17.2582, 2.6626



43.7212, 27.6059, 3.0241



35.8294, 38.4300, 6.1912



10.3509, 10.6332, 10.5687



16.0129, 10.3115, 1.1464



0.7567, 0.5752, 0.0711

Inverse Universe

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



18.5503, 21.0922, 54.1321



31.1675, 34.1076, 97.4105



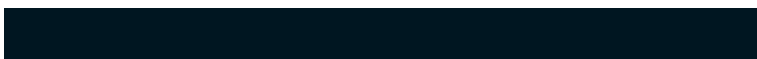
11.1244, 6.2405, 51.6568



10.0667, 10.8246, 12.8436



11.4790, 12.7145, 35.4058



0.5582, 0.6737, 1.5505

Previews

White Background



This preview shows how the XYZ color 25.2431, 17.2572, 2.6623 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 25.2431, 17.2572, 2.6623 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 25.2431, 17.2572, 2.6623

Background



This preview shows how black text looks on a background with the XYZ color 25.2431, 17.2572, 2.6623.



This preview shows how white text looks on a background with the XYZ color 25.2431, 17.2572,

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

25.2431, 17.2572, 2.6623

Protanopia

15.6731, 17.3253, 3.6805

Deuteranopia

17.6086, 17.3549, 2.4218



Tritanopia

26.6923, 17.3324, 9.3358

Trichromacy



Original Color

25.2431, 17.2572, 2.6623

Protanomaly

18.1736, 16.5474, 3.2134

Deuteranomaly

19.8100, 16.8315, 2.4057

Tritanomaly

25.9233, 17.2153, 5.9596

Monochromacy



Original Color

25.2431, 17.2572, 2.6623

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

16.1922, 14.5464, 8.6109

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2431, 17.2572, 2.6623 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(194, 80, 20)` looks like.

```
.text, #text, p{  
    color:rgb(194, 80, 20)  
}
```

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(194, 80, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 80, 20) }
```

Border

The CSS property to change the border of an element to XYZ 25.2431, 17.2572, 2.6623 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(194, 80, 20) }
```


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

```
.border{ border-color:rgb(194, 80, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 80, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 80, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 80, 20);  
box-shadow:4px 4px 4px 4px rgb(194, 80,  
20) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2431, 17.2572, 2.6623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 80, 20) }
```

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

```
.background{ background-color: rgb(194, 80,  
20) }
```

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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