

Converting Colors

XYZ(25.3251, 16.5550, 4.9396)

Have a look what the booklet for
XYZ(25.3251, 16.5550, 4.9396)
contains.

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Color

**XYZ(25.2282, 16.4734,
4.9820)**

Conversions

Conversions Part 1

Format	Color
Hex	C24933
RGB	194, 73, 51
RGB Percent	76%, 29%, 20%
CMY	0.2392, 0.7137, 0.8000
CMYK	0.00, 0.62, 0.74, 0.24
HSL	9°, 58%, 48%
HSV	9°, 74%, 76%
XYZ	25.2282, 16.4734, 4.9820
YIQ	106.6710, 79.1780, 18.8100

Conversions

Conversions Part 2

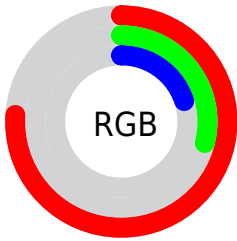
Format	Color
RYB	194, 77, 51
Decimal	12732723
CIELab	47.59, 47.24, 38.10
CIELCh	48, 60.690, 38.890
Yxy	16.4734, 0.5404, 0.3529
Android (android.graphics.Color)	4290922803 (0xFFC24933)
YUV	106.6710, -27.4458, 76.5875
Hunter-Lab	40.5874, 39.9234, 21.1335

Details

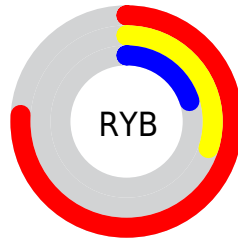
The XYZ color **25.2282, 16.4734, 4.9820** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **25.8540, 34.1013, 56.2581**, and the grayscale version is **13.9429, 14.6690, 15.9746**.

A 20% lighter version of the original color is **50.9530, 37.0826, 16.2765**, and **9.8497, 5.2875, 0.6738** is the 20% darker color. If you saturate the color by 10%, you get **23.9464, 14.4575, 2.8667**, and if you desaturate by 10%, it is **26.9738, 19.1317, 8.1321**.

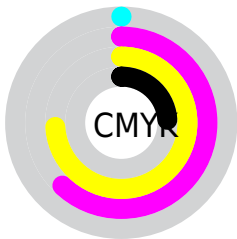
Distribution



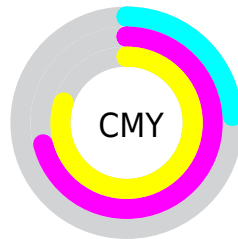
- Red (76%)
- Green (29%)
- Blue (20%)



- Red (76%)
- Yellow (30%)
- Blue (20%)



- Cyan (0%)
- Magenta (62%)
- Yellow (74%)
- Black (24%)





- Cyan (24%)
- Magenta (71%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2282, 16.4734, 4.9820 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 25.2282, 16.4734, 4.9820 by changing the saturation by 10% instead.


 25.2282, 16.4734,
4.9820


 25.2282, 16.4734,
4.9820


271.2992,
232.1192, 158.5843


 16.3768, 9.8598,
2.1781


 51.4674, 37.4181,
16.2178

 9.8837, 5.3061,
0.6617


 69.5859, 52.5180,
25.4868

 5.3836, 2.4279,
0.0000

 91.5242, 71.2154,
37.7479

 2.5111, 0.8402,
0.0000

 117.6476, 93.8947,
53.4197

 0.9009, 0.0000,
0.0000

 148.3214,
120.9404, 72.9207

 0.0000, 0.0000,
0.0000

 183.9111,

152.7367, 96.6694

224.7819,
189.6682, 125.0845

■ 25.2282, 16.4734,
4.9820

■ 25.2282, 16.4734,
4.9820

■ 23.9464, 14.4575,
2.8667

■ 26.9738, 19.1317,
8.1321

■ 23.0804, 13.0259,
1.6521

■ 29.2222, 22.4784,
12.4271

■ 22.7086, 12.3905,
1.1947

■ 32.0095, 26.5584,
17.9640

■ 35.3681, 31.4121,
24.8291

■ 39.3279, 37.0766,
33.1010

■ 43.9166, 43.5869,
42.8522

■ 49.1600, 50.9759,
54.1502

■ 55.0827, 59.2747,
67.0584

■ 61.7078, 68.5127,
81.6364

Harmonies

Analogous

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



28.3451, 16.4734, 13.7159



25.2282, 16.4734, 4.9820



19.7100, 16.4734, 2.0285

Triad

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



25.2282, 16.4734, 4.9820



7.8209, 16.4734, 9.2055



17.3205, 16.4734, 66.3948

Complementary

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



25.2282, 16.4734, 4.9820



25.8540, 34.1013, 56.2581

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.



12.2024, 16.4734, 62.5449



25.2282, 16.4734, 4.9820



7.4657, 16.4734, 22.9452

Square

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



25.2282, 16.4734, 4.9820



9.9932, 16.4734, 3.3068



8.8771, 16.4734, 43.8903



23.1372, 16.4734, 52.5453

Rectangle

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



25.2282, 16.4734, 4.9820



15.8597, 16.4734, 1.5972



8.8771, 16.4734, 43.8903



15.4569, 16.4734, 67.2414

Sweetspot

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



25.2286, 16.4743, 4.9823



72.3169, 68.6888, 62.2166



30.9312, 16.8367, 40.9266



15.3679, 14.3744, 12.6368



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.



25.2286, 16.4743, 4.9823



42.4069, 24.5962, 3.7605



32.8112, 31.6397, 7.5098



10.1956, 10.3226, 10.5170



14.9692, 8.2242, 0.7985



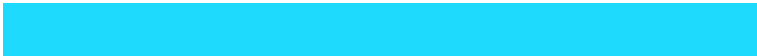
0.6874, 0.4366, 0.0480

Inverse Universe

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



25.8540, 34.1013, 56.2581



43.3255, 57.6161, 101.3073



15.7614, 13.9160, 52.8939



10.2323, 11.1558, 12.8988



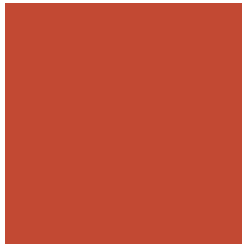
15.1961, 20.1487, 36.6448



0.6930, 0.9435, 1.5955

Previews

White Background



This preview shows how the XYZ color 25.2282, 16.4734, 4.9820 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 25.2282, 16.4734, 4.9820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

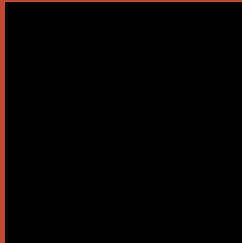
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.2282, 16.4734, 4.9820

Background



This preview shows how black text looks on a background with the XYZ color 25.2282, 16.4734, 4.9820.



This preview shows how white text looks on a background with the XYZ color 25.2282, 16.4734,

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

25.2282, 16.4734, 4.9820

Protanopia

15.4002, 16.7648, 7.2747

Deuteranopia

16.9539, 16.6503, 4.6058



Tritanopia

25.9319, 16.4768, 8.2922

Trichromacy



Original Color

25.2282, 16.4734, 4.9820

Protanomaly

17.8289, 15.7235, 6.2329

Deuteranomaly

19.2833, 15.9587, 4.6488

Tritanomaly

25.7423, 16.5019, 6.9827

Monochromacy



Original Color

25.2282, 16.4734, 4.9820

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

16.4600, 14.3615, 10.9213

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2282, 16.4734, 4.9820 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, 73, 51)` looks like.

```
.text, #text, p{  
    color:rgb(194, 73, 51)  
}
```

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, 73, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 73, 51) }
```

Border

The CSS property to change the border of an element to XYZ 25.2282, 16.4734, 4.9820 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, 73, 51) }
```


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

```
.border{ border-color:rgb(194, 73, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 73, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 73, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 73, 51);  
box-shadow:4px 4px 4px 4px rgb(194, 73,  
51) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2282, 16.4734, 4.9820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 73, 51) }
```

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

```
.background{ background-color: rgb(194, 73,  
51) }
```

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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