

Converting Colors

XYZ(25.4381, 13.0519, 3.9894)

Have a look what the booklet for
XYZ(25.4381, 13.0519, 3.9894)
contains.

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Color

**XYZ(25.4353, 13.0508,
3.9748)**

Conversions

Conversions Part 1

Format	Color
Hex	CC0030
RGB	204, 0, 48
RGB Percent	80%, 0%, 19%
CMY	0.2000, 0.9998, 0.8118
CMYK	0.00, 1.00, 0.76, 0.20
HSL	346°, 100%, 40%
HSV	346°, 100%, 80%
XYZ	25.4353, 13.0508, 3.9748
YIQ	66.4680, 106.1760, 58.1760

Conversions

Conversions Part 2

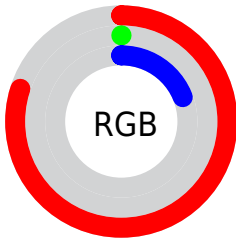
Format	Color
RYB	204, 0, 48
Decimal	13369392
CIELab	42.84, 68.59, 35.10
CIElCh	43, 77.049, 27.102
Yxy	13.0508, 0.5990, 0.3074
Android (android.graphics.Color)	4291559472 (0xFFCC0030)
YUV	66.4680, -9.1047, 120.6156
Hunter-Lab	36.1259, 62.4569, 18.7647

Details

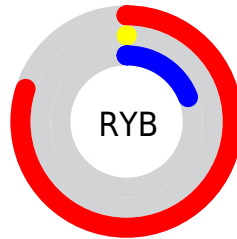
The XYZ color **25.4353, 13.0508, 3.9748** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **27.5977, 45.5874, 38.8167**, and the grayscale version is **5.2574, 5.5312, 6.0235**.

A 20% lighter version of the original color is **46.5882, 28.7237, 13.6784**, and **11.0064, 5.6715, 0.6295** is the 20% darker color. If you saturate the color by 10%, you get **25.4344, 13.0504, 3.9710**, and if you desaturate by 10%, it is **26.0738, 13.7191, 6.0654**.

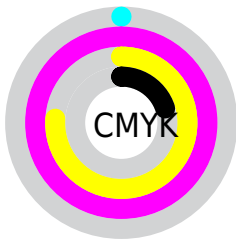
Distribution



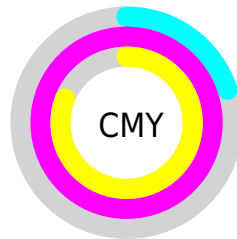
- Red (80%)
- Green (0%)
- Blue (19%)



- Red (80%)
- Yellow (0%)
- Blue (19%)



- Cyan (0%)
- Magenta (100%)
- Yellow (76%)
- Black (20%)





- Cyan (20%)
- Magenta (100%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.4353, 13.0508, 3.9748 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 25.4353, 13.0508, 3.9748 by changing the saturation by 10% instead.

 25.4353, 13.0508,
3.9748


 25.4353, 13.0508,
3.9748


272.3067,
211.2430, 147.9449


 16.5321, 7.4635,
1.6115

 51.8004, 31.3950,
13.9516


 9.9947, 3.7536,
0.2990


 69.9929, 44.9208,
22.4022

 5.4577, 1.5367,
0.0000

 92.0127, 61.8615,
33.7190

 2.5557, 0.3144,
0.0000

 118.2250, 82.6015,
48.3206

 0.9234, 0.0000,
0.0000

 148.9952,
107.5253, 66.6254

 0.0000, 0.0000,
0.0000

 184.6887,

137.0172, 89.0520

225.6707,
171.4616, 116.0190

■ 25.4353, 13.0508,
3.9748

■ 25.4353, 13.0508,
3.9748

■ 25.4344, 13.0504,
3.9710

■ 26.0738, 13.7191,
6.0654

■ 27.1080, 14.9800,
8.8994

■ 28.6404, 17.0238,
12.5578

■ 30.7293, 19.9533,
17.1020

■ 33.4244, 23.8556,
22.5874

■ 36.7699, 28.8075,
29.0645

■ 40.8057, 34.8776,
36.5800

■ 45.5684, 42.1291,
45.1776

■ 51.0920, 50.6202,
54.8985

Harmonies

Analogous

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



27.4674, 13.0508, 15.9106



25.4353, 13.0508, 3.9748



19.6137, 13.0508, 0.6410

Triad

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



25.4353, 13.0508, 3.9748



5.1275, 13.0508, 2.8813



11.8416, 13.0508, 77.2752

Complementary

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



25.4353, 13.0508, 3.9748



27.5977, 45.5874, 38.8167

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.



7.2215, 13.0508, 62.4166



25.4353, 13.0508, 3.9748



4.1929, 13.0508, 12.6353

Square

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



25.4353, 13.0508, 3.9748



7.9339, 13.0508, 0.3687



4.8168, 13.0508, 34.6529



18.3005, 13.0508, 66.9106

Rectangle

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



25.4353, 13.0508, 3.9748



15.1029, 13.0508, 0.0000



4.8168, 13.0508, 34.6529



10.0482, 13.0508, 74.9017

Sweetspot

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



25.4356, 13.0516, 3.9750



67.2794, 57.3079, 60.0313



24.0384, 11.1339, 58.0082



13.7632, 11.3045, 11.6720



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.



25.4356, 13.0516, 3.9750



42.0545, 21.5858, 6.2190



26.0871, 15.2080, 1.5618



11.3186, 11.2562, 12.2125



16.0393, 8.2263, 2.6595



0.8579, 0.4365, 0.2973

Inverse Universe

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



25.4356, 13.0516, 3.9750



42.0545, 21.5858, 6.2190



22.2925, 27.1458, 61.1909



11.3186, 11.2562, 12.2125



16.0393, 8.2263, 2.6595



0.8579, 0.4365, 0.2973

Previews

White Background



This preview shows how the XYZ color 25.4353, 13.0508, 3.9748 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 25.4353, 13.0508, 3.9748 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 25.4353, 13.0508, 3.9748

Background



This preview shows how black text looks on a background with the XYZ color 25.4353, 13.0508, 3.9748.



This preview shows how white text looks on a background with the XYZ color 25.4353, 13.0508,

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

25.4353, 13.0508, 3.9748

Protanopia

12.7349, 13.6263, 8.2623

Deuteranopia

13.7394, 13.5299, 3.5564



Tritanopia

24.9392, 13.2210, 1.5541

Trichromacy



Original Color

25.4353, 13.0508, 3.9748

Protanomaly

14.5507, 10.2863, 6.0690

Deuteranomaly

15.8159, 10.6664, 3.2327

Tritanomaly

24.9374, 13.0503, 2.0688

Monochromacy



Original Color

25.4353, 13.0508, 3.9748

Achromatopsia

5.1784, 5.4480, 5.9329

Achromatomaly

8.8198, 5.6847, 4.7701

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4353, 13.0508, 3.9748 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(204, 0, 48)` looks like.

```
.text, #text, p{  
    color:rgb(204, 0, 48)  
}
```

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(204, 0, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 48) }
```

Border

The CSS property to change the border of an element to XYZ 25.4353, 13.0508, 3.9748 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(204, 0, 48) }
```


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

```
.border{ border-color:rgb(204, 0, 48) }
```

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

Here you see how a box with a 4 pixel rgb(204, 0, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 48);  
box-shadow:4px 4px 4px 4px rgb(204, 0, 48)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.4353, 13.0508, 3.9748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 0, 48) }
```

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

```
.background{ background-color: rgb(204, 0,  
48) }
```

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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