

Converting Colors

XYZ(25.5657, 13.1029, 4.6611)

Have a look what the booklet for
XYZ(25.5657, 13.1029, 4.6611)
contains.

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Color

**XYZ(25.5677, 13.1037,
4.6717)**

Conversions

Conversions Part 1

Format	Color
Hex	CC0036
RGB	204, 0, 54
RGB Percent	80%, 0%, 21%
CMY	0.2000, 0.9998, 0.7882
CMYK	0.00, 1.00, 0.74, 0.20
HSL	344°, 100%, 40%
HSV	344°, 100%, 80%
XYZ	25.5677, 13.1037, 4.6717
YIQ	67.1520, 104.2500, 60.0420

Conversions

Conversions Part 2

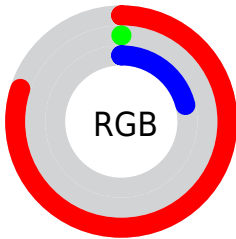
Format	Color
RYB	204, 0, 54
Decimal	13369398
CIELab	42.92, 68.80, 31.57
CIElCh	43, 75.701, 24.646
Yxy	13.1037, 0.5899, 0.3023
Android (android.graphics.Color)	4291559478 (0xFFCC0036)
YUV	67.1520, -6.4839, 120.0157
Hunter-Lab	36.1990, 62.7278, 17.6876

Details

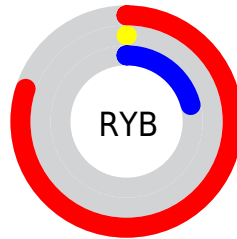
The XYZ color **25.5677, 13.1037, 4.6717** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **27.1015, 45.3891, 36.2039**, and the grayscale version is **5.3610, 5.6402, 6.1422**.

A 20% lighter version of the original color is **46.9168, 28.8552, 15.4087**, and **11.0509, 5.6893, 0.8635** is the 20% darker color. If you saturate the color by 10%, you get **25.5668, 13.1033, 4.6680**, and if you desaturate by 10%, it is **26.2340, 13.7830, 6.9084**.

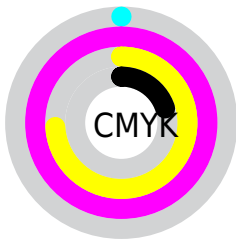
Distribution



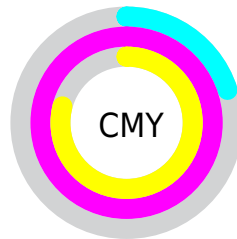
- Red (80%)
- Green (0%)
- Blue (21%)



- Red (80%)
- Yellow (0%)
- Blue (21%)



- Cyan (0%)
- Magenta (100%)
- Yellow (74%)
- Black (20%)





- Cyan (20%)
- Magenta (100%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.5677, 13.1037, 4.6717 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 25.5677, 13.1037, 4.6717 by changing the saturation by 10% instead.


 25.5677, 13.1037,
4.6717


 25.5677, 13.1037,
4.6717


272.9492,
211.5812, 155.4219


 16.6315, 7.5000,
2.0006


 52.0130, 31.4900,
15.5315


 10.0658, 3.7767,
0.5557


 70.2528, 45.0413,
24.5572

 5.5052, 1.5495,
0.0000

 92.3245, 62.0106,
36.5383

 2.5844, 0.3232,
0.0000

 118.5935, 82.7824,
51.8931

 0.9380, 0.0000,
0.0000

 149.4251,
107.7409, 71.0404

 0.0000, 0.0000,
0.0000

 185.1847,

137.2706, 94.3986

226.2376,
171.7559, 122.3863

■ 25.5677, 13.1037,
4.6717

■ 25.5677, 13.1037,
4.6717

■ 25.5668, 13.1033,
4.6680

■ 26.2340, 13.7830,
6.9084

■ 27.2896, 15.0524,
9.8558

■ 28.8359, 17.1016,
13.5877

■ 30.9299, 20.0331,
18.1597

■ 33.6205, 23.9335,
23.6217

■ 36.9509, 28.8790,
30.0194

■ 40.9601, 34.9384,
37.3953

■ 45.6840, 42.1742,
45.7892

■ 51.1559, 50.6445,
55.2385

Harmonies

Analogous

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



27.1600, 13.1037, 17.4557



25.5677, 13.1037, 4.6717



20.0745, 13.1037, 0.8570

Triad

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



25.5677, 13.1037, 4.6717



5.4004, 13.1037, 2.6257



11.4441, 13.1037, 75.4151

Complementary

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



25.5677, 13.1037, 4.6717



27.1015, 45.3891, 36.2039

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.



7.0579, 13.1037, 59.2969



25.5677, 13.1037, 4.6717



4.3312, 13.1037, 11.4936

Square

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



25.5677, 13.1037, 4.6717



8.3636, 13.1037, 0.3631



4.8267, 13.1037, 32.1306



17.7003, 13.1037, 67.3279

Rectangle

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



25.5677, 13.1037, 4.6717



15.6425, 13.1037, 0.0699



4.8267, 13.1037, 32.1306



9.7323, 13.1037, 72.4233

Sweetspot

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



25.5680, 13.1045, 4.6719



67.5385, 57.4115, 61.3958



23.4056, 10.8076, 57.9789



13.8231, 11.3285, 11.9874



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.



25.5680, 13.1045, 4.6719



42.2670, 21.6708, 7.3384



25.9439, 14.9213, 1.5139



11.3322, 11.2616, 12.2838



16.1253, 8.2607, 3.1127



0.8640, 0.4390, 0.3298

Inverse Universe

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



25.5680, 13.1045, 4.6719



42.2670, 21.6708, 7.3384



22.8568, 28.2744, 61.3792



11.3322, 11.2616, 12.2838



16.1253, 8.2607, 3.1127



0.8640, 0.4390, 0.3298

Previews

White Background



This preview shows how the XYZ color 25.5677, 13.1037, 4.6717 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 25.5677, 13.1037, 4.6717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

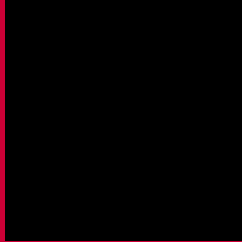
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.5677, 13.1037, 4.6717

Background



This preview shows how black text looks on a background with the XYZ color 25.5677, 13.1037, 4.6717.



This preview shows how white text looks on a background with the XYZ color 25.5677, 13.1037,

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

25.5677, 13.1037, 4.6717

Protanopia

12.8659, 13.8097, 9.7720

Deuteranopia

13.9511, 13.7652, 4.2071



Tritanopia

25.0090, 13.3077, 1.7407

Trichromacy



Original Color

25.5677, 13.1037, 4.6717

Protanomaly

14.5871, 10.2807, 7.1768

Deuteranomaly

16.0009, 10.8282, 3.9360

Tritanomaly

25.0200, 13.1043, 2.4390

Monochromacy



Original Color

25.5677, 13.1037, 4.6717

Achromatopsia

5.3350, 5.6128, 6.1124

Achromatomaly

9.0695, 5.8575, 5.2100

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5677, 13.1037, 4.6717 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, 54)` looks like.

```
.text, #text, p{  
    color:rgb(204, 0, 54)  
}
```

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, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 54) }
```

Border

The CSS property to change the border of an element to XYZ 25.5677, 13.1037, 4.6717 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, 54) }
```


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

```
.border{ border-color:rgb(204, 0, 54) }
```

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, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 54);  
box-shadow:4px 4px 4px 4px rgb(204, 0, 54)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.5677, 13.1037, 4.6717 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, 54) }
```

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

```
.background{ background-color: rgb(204, 0,  
54) }
```

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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