

Converting Colors

XYZ(25.6289, 13.2096, 1.3155)

Have a look what the booklet for
XYZ(25.6289, 13.2096, 1.3155)
contains.

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Color

**XYZ(25.7540, 13.2742,
1.3196)**

Conversions

Conversions Part 1

Format	Color
Hex	CF0004
RGB	207, 0, 4
RGB Percent	81%, 0%, 2%
CMY	0.1882, 0.9998, 0.9843
CMYK	0.00, 1.00, 0.98, 0.19
HSL	359°, 100%, 41%
HSV	359°, 100%, 81%
XYZ	25.7540, 13.2742, 1.3196
YIQ	62.3490, 122.0880, 45.1280

Conversions

Conversions Part 2

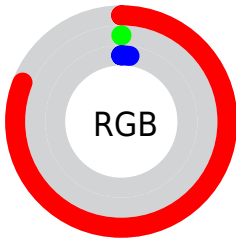
Format	Color
RYB	207, 0, 4
Decimal	13565956
CIELab	43.17, 68.49, 56.08
CIELCh	43, 88.522, 39.313
Yxy	13.2742, 0.6383, 0.3290
Android (android.graphics.Color)	4291756036 (0xFFCF0004)
YUV	62.3490, -28.7661, 126.8589
Hunter-Lab	36.4338, 62.4175, 23.3562

Details

The XYZ color **25.7540, 13.2742, 1.3196** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **33.0984, 48.9396, 64.2318**, and the grayscale version is **4.6612, 4.9040, 5.3405**.

A 20% lighter version of the original color is **45.2816, 28.2011, 6.7981**, and **11.1553, 5.7508, 0.5221** is the 20% darker color. If you saturate the color by 10%, you get **25.7535, 13.2739, 1.3182**, and if you desaturate by 10%, it is **26.1634, 13.8596, 2.1770**.

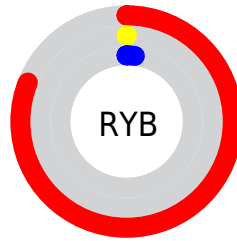
Distribution



Red (81%)

Green (0%)

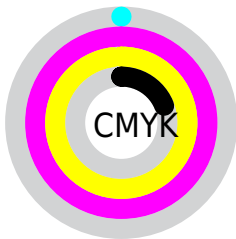
Blue (2%)



Red (81%)

Yellow (0%)

Blue (2%)

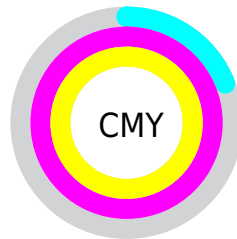


Cyan (0%)

Magenta (100%)

Yellow (98%)

Black (19%)



Cyan (19%)


Magenta (100%)


Yellow (98%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7540, 13.2742, 1.3196 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 25.7540, 13.2742, 1.3196 by changing the saturation by 10% instead.


 25.7540, 13.2742,
1.3196


 25.7540, 13.2742,
1.3196


 273.8513,
212.6676, 110.7099


 16.7714, 7.6176,
0.0778


 52.3120, 31.7955,
7.0796


 10.1659, 3.8513,
0.0000


 70.6180, 45.4291,
12.6787

 5.5722, 1.5907,
0.0000

 92.7627, 62.4904,
20.6487

 2.6249, 0.3513,
0.0000

 119.1112, 83.3639,
31.4080

 0.9587, 0.0000,
0.0000


 150.0289,
108.4340, 45.3753


 0.0000, 0.0000,
0.0000


 185.8813,


138.0850, 62.9690


 227.0336,
172.7014, 84.6077


 25.7540, 13.2742,
1.3196

 25.7540, 13.2742,
1.3196


 25.7535, 13.2739,
1.3182

 26.1634, 13.8596,
2.1770

 27.0065, 15.0687,
3.9284

 28.4141, 17.1072,
6.7923

 30.4618, 20.0878,
10.9116

 33.2135, 24.1057,
16.4082

■ 36.7253, 29.2445,
23.3894

■ 41.0478, 35.5794,
31.9520

■ 46.2271, 43.1788,
42.1847

■ 52.3059, 52.1063,
54.1694

Harmonies

Analogous

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



30.5269, 13.2742, 9.1801



25.7540, 13.2742, 1.3196



17.8497, 13.2742, 0.0000

Triad

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



25.7540, 13.2742, 1.3196



3.8856, 13.2742, 4.8203



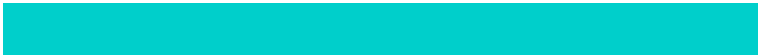
14.8641, 13.2742, 92.4410

Complementary

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



25.7540, 13.2742, 1.3196



33.0984, 48.9396, 64.2318

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.



8.5217, 13.2742, 85.9493



25.7540, 13.2742, 1.3196



3.5863, 13.2742, 21.4362

Square

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



25.7540, 13.2742, 1.3196



5.9900, 13.2742, 0.4158



4.9379, 13.2742, 53.7924



22.9036, 13.2742, 67.4750

Rectangle

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



25.7540, 13.2742, 1.3196



12.7750, 13.2742, 0.0000



4.9379, 13.2742, 53.7924



12.4598, 13.2742, 94.1506

Sweetspot

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



25.7543, 13.2751, 1.3198



65.4943, 56.5938, 50.6307



35.1092, 16.7992, 60.4230



13.3555, 11.1414, 9.5246



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.



25.7543, 13.2751, 1.3198



41.2667, 21.2707, 2.0704



29.9722, 21.7456, 2.6190



11.8178, 11.8118, 12.3162



16.2300, 8.3648, 0.8514



0.9108, 0.4690, 0.0649

Inverse Universe

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



25.7543, 13.2751, 1.3198



41.2667, 21.2707, 2.0704



16.8845, 15.7484, 61.1807



11.8178, 11.8118, 12.3162



16.2300, 8.3648, 0.8514



0.9108, 0.4690, 0.0649

Previews

White Background



This preview shows how the XYZ color 25.7540, 13.2742, 1.3196 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



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 25.7540, 13.2742, 1.3196

Background



This preview shows how black text looks on a background with the XYZ color 25.7540, 13.2742, 1.3196.



This preview shows how white text looks on a background with the XYZ color 25.7540, 13.2742,

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

25.7540, 13.2742, 1.3196

Protanopia

12.5855, 13.9642, 3.0689

Deuteranopia

13.9776, 13.8292, 1.9326



Tritanopia

25.4097, 13.4449, 1.2559

Trichromacy



Original Color

25.7540, 13.2742, 1.3196

Protanomaly

14.7024, 10.5454, 1.8767

Deuteranomaly

16.0811, 10.9281, 1.2905

Tritanomaly

25.5905, 13.3869, 1.2639

Monochromacy



Original Color

25.7540, 13.2742, 1.3196

Achromatopsia

4.5787, 4.8172, 5.2459

Achromatomaly

8.1960, 5.2560, 2.6803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7540, 13.2742, 1.3196 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(207, 0, 4)` looks like.

```
.text, #text, p{  
    color:rgb(207, 0, 4)  
}
```

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(207, 0, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 0, 4) }
```

Border

The CSS property to change the border of an element to XYZ 25.7540, 13.2742, 1.3196 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(207, 0, 4) }
```


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

```
.border{ border-color:rgb(207, 0, 4) }
```

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

Here you see how a box with a 4 pixel rgb(207, 0, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 0, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(207, 0, 4); box-shadow:4px  
4px 4px 4px rgb(207, 0, 4) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7540, 13.2742, 1.3196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 0, 4) }
```

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

```
.background{ background-color: rgb(207, 0,  
4) }
```

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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