

Converting Colors

XYZ(25.7332, 13.1699, 5.5434)

Have a look what the booklet for
XYZ(25.7332, 13.1699, 5.5434)
contains.

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Color

**XYZ(25.7441, 13.1743,
5.6009)**

Conversions

Conversions Part 1

Format	Color
Hex	CC003D
RGB	204, 0, 61
RGB Percent	80%, 0%, 24%
CMY	0.2000, 0.9998, 0.7608
CMYK	0.00, 1.00, 0.70, 0.20
HSL	342°, 100%, 40%
HSV	342°, 100%, 80%
XYZ	25.7441, 13.1743, 5.6009
YIQ	67.9500, 102.0030, 62.2190

Conversions

Conversions Part 2

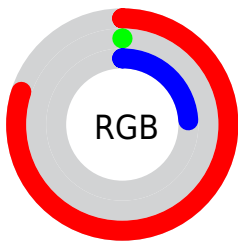
Format	Color
RYB	204, 0, 61
Decimal	13369405
CIELab	43.02, 69.09, 27.39
CIElCh	43, 74.319, 21.622
Yxy	13.1743, 0.5783, 0.2959
Android (android.graphics.Color)	4291559485 (0xFFCC003D)
YUV	67.9500, -3.4263, 119.3159
Hunter-Lab	36.2964, 63.0866, 16.2585

Details

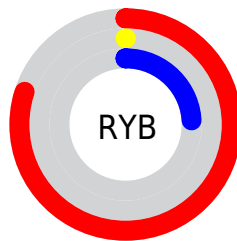
The XYZ color **25.7441, 13.1743, 5.6009** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **26.5544, 45.1701, 33.3227**, and the grayscale version is **5.4841, 5.7697, 6.2832**.

A 20% lighter version of the original color is **47.2746, 28.9983, 17.2929**, and **11.1108, 5.7132, 1.1790** is the 20% darker color. If you saturate the color by 10%, you get **25.7431, 13.1738, 5.5966**, and if you desaturate by 10%, it is **26.4401, 13.8655, 7.9939**.

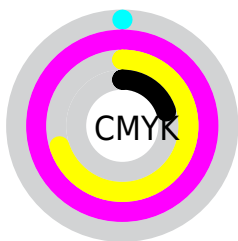
Distribution



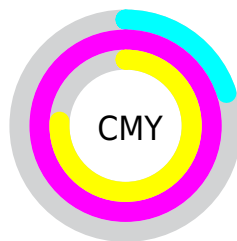
- Red (80%)
- Green (0%)
- Blue (24%)



- Red (80%)
- Yellow (0%)
- Blue (24%)



- Cyan (0%)
- Magenta (100%)
- Yellow (70%)
- Black (20%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.7441, 13.1743, 5.6009 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 25.7441, 13.1743, 5.6009 by changing the saturation by 10% instead.


 25.7441, 13.1743,
5.6009


 25.7441, 13.1743,
5.6009

273.8034,
212.0317, 164.6349


 16.7640, 7.5487,
2.5391


 52.2961, 31.6166,
17.5599


 10.1606, 3.8075,
0.8608


 70.5986, 45.2020,
27.2941

 5.5687, 1.5665,
0.0000

 92.7394, 62.2095,
40.0897

 2.6228, 0.3349,
0.0000

 119.0837, 83.0235,
56.3650

 0.9576, 0.0000,
0.0000

 149.9969,
108.0283, 76.5386

 0.0000, 0.0000,
0.0000

 185.8443,

137.6083, 101.0291

226.9914,
172.1480, 130.2550

■ 25.7441, 13.1743,
5.6009

■ 25.7441, 13.1743,
5.6009

■ 25.7431, 13.1738,
5.5966

■ 26.4401, 13.8655,
7.9939

■ 27.5179, 15.1438,
11.0579

■ 29.0775, 17.1984,
14.8596

■ 31.1747, 20.1313,
19.4483

■ 33.8575, 24.0286,
24.8686

■ 37.1679, 28.9663,
31.1611

■ 41.1443, 35.0126,
38.3638

■ 45.8216, 42.2299,
46.5122

■ 51.2325, 50.6759,
55.6401

Harmonies

Analogous

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



26.8179, 13.1743, 19.4279



25.7441, 13.1743, 5.6009



20.6448, 13.1743, 1.1207

Triad

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



25.7441, 13.1743, 5.6009



5.7389, 13.1743, 2.3426



10.9900, 13.1743, 73.3101

Complementary

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



25.7441, 13.1743, 5.6009



26.5544, 45.1701, 33.3227

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.



6.8699, 13.1743, 55.7776



25.7441, 13.1743, 5.6009



4.5007, 13.1743, 10.2356

Square

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



25.7441, 13.1743, 5.6009



8.8978, 13.1743, 0.3559



4.8400, 13.1743, 29.3209



17.0162, 13.1743, 67.8835

Rectangle

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



25.7441, 13.1743, 5.6009



16.3099, 13.1743, 0.2553



4.8400, 13.1743, 29.3209



9.3709, 13.1743, 69.6135

Sweetspot

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



25.7444, 13.1751, 5.6011



67.8455, 57.5343, 63.0123



22.1947, 10.1835, 57.9220



13.8943, 11.3570, 12.3623



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.



25.7444, 13.1751, 5.6011



42.5519, 21.7848, 8.8384



25.6891, 14.4118, 1.4291



11.3480, 11.2679, 12.3672



16.2393, 8.3063, 3.7130



0.8715, 0.4420, 0.3693

Inverse Universe

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



25.7444, 13.1751, 5.6011



42.5519, 21.7848, 8.8384



24.0337, 30.6282, 61.7714



11.3480, 11.2679, 12.3672



16.2393, 8.3063, 3.7130



0.8715, 0.4420, 0.3693

Previews

White Background



This preview shows how the XYZ color 25.7441, 13.1743, 5.6009 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 25.7441, 13.1743, 5.6009 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 25.7441, 13.1743, 5.6009

Background



This preview shows how black text looks on a background with the XYZ color 25.7441, 13.1743, 5.6009.



This preview shows how white text looks on a background with the XYZ color 25.7441, 13.1743,

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

25.7441, 13.1743, 5.6009

Protanopia

13.1453, 13.9072, 11.8890

Deuteranopia

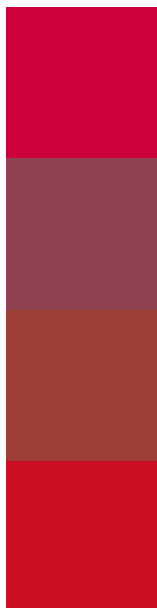
13.9615, 13.7519, 5.0505



Tritanopia

25.1025, 13.4423, 1.9334

Trichromacy



Original Color

25.7441, 13.1743, 5.6009

Protanomaly

14.8978, 10.4049, 8.8126

Deuteranomaly

16.1774, 10.8988, 4.8655

Tritanomaly

25.1173, 13.1884, 2.8119

Monochromacy



Original Color

25.7441, 13.1743, 5.6009

Achromatopsia

5.4944, 5.7805, 6.2950

Achromatomaly

9.1541, 5.8913, 5.6557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7441, 13.1743, 5.6009 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, 61)` looks like.

```
.text, #text, p{  
    color:rgb(204, 0, 61)  
}
```

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, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 61) }
```

Border

The CSS property to change the border of an element to XYZ 25.7441, 13.1743, 5.6009 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, 61) }
```


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

```
.border{ border-color:rgb(204, 0, 61) }
```

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, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 61);  
box-shadow:4px 4px 4px 4px rgb(204, 0, 61)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.7441, 13.1743, 5.6009 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, 61) }
```

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

```
.background{ background-color: rgb(204, 0,  
61) }
```

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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