

Converting Colors

XYZ(25.1338, 9.5471, 4.9345)

Have a look what the booklet for
XYZ(25.1338, 9.5471, 4.9345)
contains.

XYZ(27.4206, 14.0386, 5.6794)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.4206, 14.0386,
5.6794)**

Conversions

Conversions Part 1

Format	Color
Hex	D2003D
RGB	210, 0, 61
RGB Percent	82%, 0%, 24%
CMY	0.1765, 0.9998, 0.7608
CMYK	0.00, 1.00, 0.71, 0.18
HSL	343°, 100%, 41%
HSV	343°, 100%, 82%
XYZ	27.4206, 14.0386, 5.6794
YIQ	69.7440, 105.5790, 63.4910

Conversions

Conversions Part 2

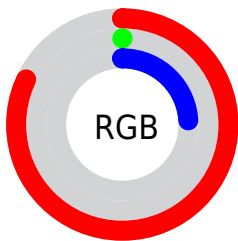
Format	Color
RYB	210, 0, 61
Decimal	13762621
CIELab	44.29, 70.52, 29.22
CIElCh	44, 76.332, 22.506
Yxy	14.0386, 0.5817, 0.2978
Android (android.graphics.Color)	4291952701 (0xFFD2003D)
YUV	69.7440, -4.3108, 123.0045
Hunter-Lab	37.4681, 65.0639, 17.2405

Details

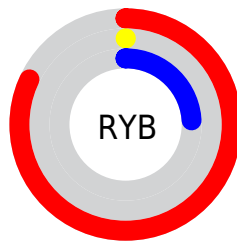
The XYZ color **27.4206, 14.0386, 5.6794** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **28.4756, 48.2645, 36.2688**, and the grayscale version is **5.7781, 6.0790, 6.6200**.

A 20% lighter version of the original color is **47.4365, 29.3222, 17.3469**, and **12.1589, 6.2536, 1.2280** is the 20% darker color. If you saturate the color by 10%, you get **27.4195, 14.0381, 5.6745**, and if you desaturate by 10%, it is **28.1483, 14.7601, 8.1854**.

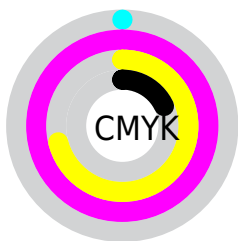
Distribution



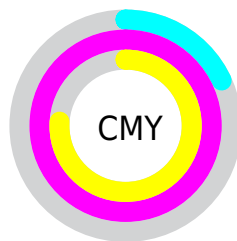
- Red (82%)
- Green (0%)
- Blue (24%)



- Red (82%)
- Yellow (0%)
- Blue (24%)



- Cyan (0%)
- Magenta (100%)
- Yellow (71%)
- Black (18%)





- Cyan (18%)
- Magenta (100%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4206, 14.0386, 5.6794 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 27.4206, 14.0386, 5.6794 by changing the saturation by 10% instead.

 27.4206, 14.0386,
5.6794


 27.4206, 14.0386,
5.6794


281.8184,
217.4708, 165.3802


 18.0276, 8.1475,
2.5855


 54.9732, 33.1575,
17.7278


 11.0696, 4.1895,
0.8850


 73.8635, 47.1541,
27.5193

 6.1813, 1.7801,
0.0000


 96.6502, 64.6214,
40.3806

 2.9973, 0.4747,
0.0000

 123.6988, 85.9436,
56.7300

 1.1524, 0.0000,
0.0000

 155.3746,
111.5053, 76.9861

 0.0682, 0.0000,
0.0000

 192.0428,

 0.0000, 0.0000,

141.6908, 101.5675

0.0000

234.0690,
176.8845, 130.8927

■ 27.4206, 14.0386,
5.6794

■ 27.4206, 14.0386,
5.6794

■ 27.4195, 14.0381,
5.6745

■ 28.1483, 14.7601,
8.1854

■ 29.2878, 16.1129,
11.4204

■ 30.9447, 18.2965,
15.4575

■ 33.1797, 21.4207,
20.3511

■ 36.0443, 25.5784,
26.1504

■ 39.5840, 30.8511,
32.9005

■ 43.8403, 37.3123,
40.6434

■ 48.8510, 45.0291,
49.4181

■ 54.6511, 54.0634,
59.2619

Harmonies

Analogous

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



28.7259, 14.0386, 20.1118



27.4206, 14.0386, 5.6794



21.8563, 14.0386, 1.1112

Triad

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



27.4206, 14.0386, 5.6794



6.0194, 14.0386, 2.5852



11.8677, 14.0386, 78.8812

Complementary

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



27.4206, 14.0386, 5.6794



28.4756, 48.2645, 36.2688

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.



7.3896, 14.0386, 60.5946



27.4206, 14.0386, 5.6794



4.7509, 14.0386, 11.3008

Square

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



27.4206, 14.0386, 5.6794



9.3295, 14.0386, 0.4083



5.1616, 14.0386, 32.1385



18.3691, 14.0386, 72.2749

Rectangle

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



27.4206, 14.0386, 5.6794



17.1992, 14.0386, 0.2487



5.1616, 14.0386, 32.1385



10.1115, 14.0386, 75.1494

Sweetspot

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



27.4209, 14.0395, 5.6796



67.7685, 57.5035, 62.6066



23.6684, 10.8585, 61.8206



13.8764, 11.3498, 12.2681



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.



27.4209, 14.0395, 5.6796



42.4771, 21.7548, 8.4442



27.4077, 15.3603, 1.5217



11.9479, 11.8639, 13.0014



16.7638, 8.5784, 3.6625



0.9719, 0.4935, 0.3869

Inverse Universe

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



27.4209, 14.0395, 5.6796



42.4771, 21.7548, 8.4442



25.6376, 32.6620, 65.9253



11.9479, 11.8639, 13.0014



16.7638, 8.5784, 3.6625



0.9719, 0.4935, 0.3869

Previews

White Background



This preview shows how the XYZ color 27.4206, 14.0386, 5.6794 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 27.4206, 14.0386, 5.6794 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 27.4206, 14.0386, 5.6794

Background



This preview shows how black text looks on a background with the XYZ color 27.4206, 14.0386, 5.6794.



This preview shows how white text looks on a background with the XYZ color 27.4206, 14.0386,

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

27.4206, 14.0386, 5.6794

Protanopia

13.9561, 14.7814, 12.0151

Deuteranopia

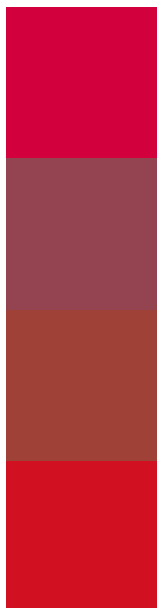
14.8646, 14.6473, 5.1757



Tritanopia

26.7597, 14.2976, 1.9654

Trichromacy



Original Color

27.4206, 14.0386, 5.6794

Protanomaly

15.7278, 11.0093, 8.8855

Deuteranomaly

17.0771, 11.5300, 4.9399

Tritanomaly

26.7685, 14.0414, 2.8128

Monochromacy



Original Color

27.4206, 14.0386, 5.6794

Achromatopsia

5.8214, 6.1246, 6.6697

Achromatomaly

9.8367, 6.3470, 6.0168

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4206, 14.0386, 5.6794 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(210, 0, 61)` looks like.

```
.text, #text, p{  
  color:rgb(210, 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(210, 0, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 0, 61) }
```

Border

The CSS property to change the border of an element to XYZ 27.4206, 14.0386, 5.6794 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(210, 0, 61) }
```


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

```
.border{ border-color:rgb(210, 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(210, 0, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 0, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 0, 61);  
box-shadow:4px 4px 4px 4px rgb(210, 0, 61)  
}
```

Background

The CSS property to change the background color of an element to XYZ 27.4206, 14.0386, 5.6794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 0, 61) }
```

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

```
.background{ background-color: rgb(210, 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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