

Converting Colors

XYZ(25.7626, 13.5906, 4.4310)

Have a look what the booklet for
XYZ(25.7626, 13.5906, 4.4310)
contains.

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Color

**XYZ(25.7495, 13.5767,
4.3954)**

Conversions

Conversions Part 1

Format	Color
Hex	CC1433
RGB	204, 20, 51
RGB Percent	80%, 8%, 20%
CMY	0.2000, 0.9215, 0.8000
CMYK	0.00, 0.90, 0.75, 0.20
HSL	350°, 82%, 44%
HSV	350°, 90%, 80%
XYZ	25.7495, 13.5767, 4.3954
YIQ	78.5500, 99.7130, 48.6490

Conversions

Conversions Part 2

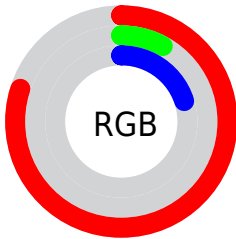
Format	Color
R _Y B	204, 20, 51
Decimal	13374515
CIE Lab	43.62, 66.55, 34.18
CIE LCh	44, 74.814, 27.189
Yxy	13.5767, 0.5889, 0.3105
Android (android.graphics.Color)	4291564595 (0xFFCC1433)
YUV	78.5500, -13.5821, 110.0197
Hunter-Lab	36.8466, 60.2597, 18.7199

Details

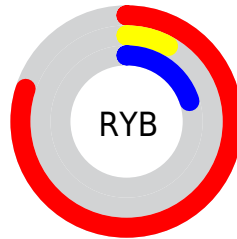
The XYZ color **25.7495, 13.5767, 4.3954** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **29.4271, 46.3525, 46.9443**, and the grayscale version is **7.3602, 7.7435, 8.4327**.

A 20% lighter version of the original color is **47.2248, 29.7774, 14.5678**, and **11.0283, 5.6803, 0.7449** is the 20% darker color. If you saturate the color by 10%, you get **25.1953, 12.9547, 2.7122**, and if you desaturate by 10%, it is **26.7172, 14.8007, 6.9121**.

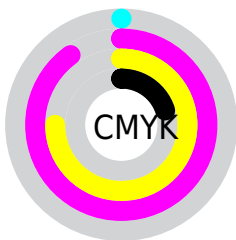
Distribution



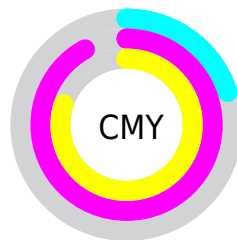
- Red (80%)
- Green (8%)
- Blue (20%)



- Red (80%)
- Yellow (8%)
- Blue (20%)



- Cyan (0%)
- Magenta (90%)
- Yellow (75%)
- Black (20%)





- Cyan (20%)
- Magenta (92%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.7495, 13.5767, 4.3954 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 25.7495, 13.5767, 4.3954 by changing the saturation by 10% instead.


 25.7495, 13.5767,
4.3954


 25.7495, 13.5767,
4.3954


273.8295,
214.5813, 152.5238


 16.7680, 7.8269,
1.8447


 52.3047, 32.3360,
14.9119


 10.1635, 3.9844,
0.4572


 70.6092, 46.1143,
23.7147

 5.5706, 1.6648,
0.0000

 92.7521, 63.3375,
35.4386

 2.6239, 0.4007,
0.0000

 119.0987, 84.3900,
50.5022

 0.9582, 0.0000,
0.0000

 150.0144,
109.6563, 69.3239

 0.0000, 0.0000,
0.0000

 185.8645,

139.5207, 92.3224

227.0144,
174.3675, 119.9162

■ 25.7495, 13.5767,
4.3954

■ 25.7495, 13.5767,
4.3954

■ 25.1953, 12.9547,
2.7122

■ 26.7172, 14.8007,
6.9121

■ 28.1981, 16.8111,
10.3387

■ 30.2541, 19.7132,
14.7540

■ 32.9379, 23.5954,
20.2278

■ 36.2961, 28.5356,
26.8233

■ 40.3709, 34.6036,
34.5988

■ 45.2009, 41.8633,
43.6086

■ 50.8220, 50.3739,
53.9034

■ 57.2677, 60.1904,
65.5312

Harmonies

Analogous

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



27.7515, 13.5767, 16.4231



25.7495, 13.5767, 4.3954



20.0255, 13.5767, 0.8619

Triad

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



25.7495, 13.5767, 4.3954



5.5606, 13.5767, 3.2835



12.3593, 13.5767, 76.1358

Complementary

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



25.7495, 13.5767, 4.3954



29.4271, 46.3525, 46.9443

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.



7.7099, 13.5767, 61.8884



25.7495, 13.5767, 4.3954



4.6034, 13.5767, 13.2554

Square

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



25.7495, 13.5767, 4.3954



8.4092, 13.5767, 0.6053



5.2512, 13.5767, 34.9793



18.7693, 13.5767, 66.0925

Rectangle

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



25.7495, 13.5767, 4.3954



15.5682, 13.5767, 0.1576



5.2512, 13.5767, 34.9793



10.5630, 13.5767, 73.8779

Sweetspot

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



25.7498, 13.5776, 4.3956



68.9938, 60.5063, 61.3124



27.7858, 13.4372, 58.2554



14.2121, 12.1189, 12.0787



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.



25.7498, 13.5776, 4.3956



41.6748, 21.4339, 4.2195



27.7728, 18.3772, 2.7465



11.2881, 11.2440, 12.0518



15.8820, 8.1634, 1.8313



0.8439, 0.4309, 0.2236

Inverse Universe

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



25.7498, 13.5776, 4.3956



41.6748, 21.4339, 4.2195



21.4271, 24.9867, 60.8198



11.2881, 11.2440, 12.0518



15.8820, 8.1634, 1.8313



0.8439, 0.4309, 0.2236

Previews

White Background



This preview shows how the XYZ color 25.7495, 13.5767, 4.3954 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 25.7495, 13.5767, 4.3954 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 25.7495, 13.5767, 4.3954

Background



This preview shows how black text looks on a background with the XYZ color 25.7495, 13.5767, 4.3954.



This preview shows how white text looks on a background with the XYZ color 25.7495, 13.5767,

4.3954.

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

25.7495, 13.5767, 4.3954

Protanopia

12.9369, 13.8672, 8.8323

Deuteranopia

14.0508, 13.8227, 3.9350



Tritanopia

25.1752, 13.5422, 2.0976

Trichromacy



Original Color

25.7495, 13.5767, 4.3954

Protanomaly

15.0727, 11.1901, 6.6757

Deuteranomaly

16.5494, 11.7303, 3.7748

Tritanomaly

25.2297, 13.4596, 2.7070

Monochromacy



Original Color

25.7495, 13.5767, 4.3954

Achromatopsia

7.4317, 7.8187, 8.5146

Achromatomaly

10.8994, 7.7409, 6.5499

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7495, 13.5767, 4.3954 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, 20, 51)` looks like.

```
.text, #text, p{  
    color:rgb(204, 20, 51)  
}
```

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, 20, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 20, 51) }
```

Border

The CSS property to change the border of an element to XYZ 25.7495, 13.5767, 4.3954 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, 20, 51) }
```


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

```
.border{ border-color:rgb(204, 20, 51) }
```

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

Here you see how a box with a 4 pixel rgb(204, 20, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 20, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 20, 51);  
box-shadow:4px 4px 4px 4px rgb(204, 20,  
51) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7495, 13.5767, 4.3954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 20, 51) }
```

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

```
.background{ background-color: rgb(204, 20,  
51) }
```

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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