

Converting Colors

XYZ(25.1025, 13.9877, 1.5721)

Have a look what the booklet for
XYZ(25.1025, 13.9877, 1.5721)
contains.

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Color

**XYZ(25.0886, 13.9581,
1.5729)**

Conversions

Conversions Part 1

Format	Color
Hex	CA2607
RGB	202, 38, 7
RGB Percent	79%, 15%, 3%
CMY	0.2078, 0.8509, 0.9725
CMYK	0.00, 0.81, 0.97, 0.21
HSL	10°, 93%, 41%
HSV	10°, 97%, 79%
XYZ	25.0886, 13.9581, 1.5729
YIQ	83.5020, 107.6950, 25.1270

Conversions

Conversions Part 2

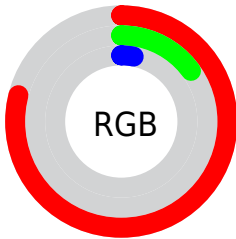
Format	Color
RYB	202, 44, 7
Decimal	13248007
CIELab	44.17, 61.37, 55.04
CIElCh	44, 82.435, 41.885
Yxy	13.9581, 0.6176, 0.3436
Android (android.graphics.Color)	4291438087 (0xFFCA2607)
YUV	83.5020, -37.7155, 103.9227
Hunter-Lab	37.3605, 54.4866, 23.6562

Details

The XYZ color **25.0886, 13.9581, 1.5729** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **25.3087, 33.4304, 60.9955**, and the grayscale version is **8.3852, 8.8219, 9.6071**.

A 20% lighter version of the original color is **46.4913, 30.4994, 7.5743**, and **10.4812, 5.4033, 0.4905** is the 20% darker color. If you saturate the color by 10%, you get **24.8769, 13.5963, 1.3132**, and if you desaturate by 10%, it is **25.9234, 15.3691, 2.6494**.

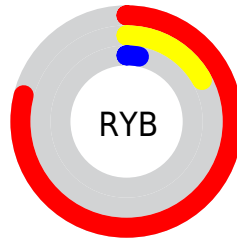
Distribution



Red (79%)

Green (15%)

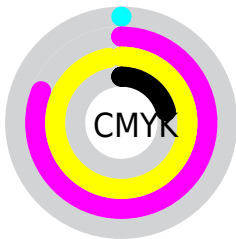
Blue (3%)



Red (79%)

Yellow (17%)

Blue (3%)

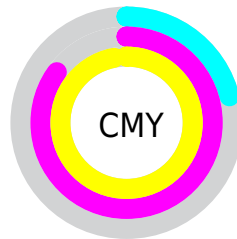


Cyan (0%)

Magenta (81%)

Yellow (97%)

Black (21%)



Cyan (21%)


Magenta (85%)


Yellow (97%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0886, 13.9581, 1.5729 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 25.0886, 13.9581, 1.5729 by changing the saturation by 10% instead.


 25.0886, 13.9581,
1.5729

 25.0886, 13.9581,
1.5729


 270.6184,
216.9700, 115.3463


 16.2722, 8.0915,
0.2714


 51.2428, 33.0147,
7.8363


 9.8090, 4.1536,
0.0000


 69.3112, 46.9734,
13.7880

 5.3338, 1.7598,
0.0000

 91.1944, 64.3984,
22.1778

 2.4812, 0.4620,
0.0000

 117.2576, 85.6740,
33.4242


 0.8858, 0.0000,
0.0000


 147.8663,
111.1845, 47.9457


 0.0000, 0.0000,
0.0000


 183.3857,


141.3145, 66.1608


 224.1813,
176.4482, 88.4882


 25.0886, 13.9581,
1.5729


 25.0886, 13.9581,
1.5729


 24.8769, 13.5963,
1.3132

 25.9234, 15.3691,
2.6494

 27.1949, 17.3983,
4.6569

 28.9587, 20.1098,
7.7607

 31.2605, 23.5584,
12.0892

 34.1407, 27.7931,
17.7531

■ 37.6357, 32.8585,
24.8505

■ 41.7786, 38.7962,
33.4705

■ 46.6004, 45.6447,
43.6946

■ 52.1299, 53.4403,
55.5988

Harmonies

Analogous

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



29.8946, 13.9581, 8.8911



25.0886, 13.9581, 1.5729



17.6014, 13.9581, 0.0000

Triad

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



25.0886, 13.9581, 1.5729



4.5100, 13.9581, 6.4875



16.0463, 13.9581, 85.3598

Complementary

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



25.0886, 13.9581, 1.5729



25.3087, 33.4304, 60.9955

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.



9.7095, 13.9581, 82.1804



25.0886, 13.9581, 1.5729



4.3389, 13.9581, 23.9469

Square

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



25.0886, 13.9581, 1.5729



6.4866, 13.9581, 1.0356



5.9018, 13.9581, 54.4859



23.6312, 13.9581, 61.2707

Rectangle

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



25.0886, 13.9581, 1.5729



12.8550, 13.9581, 0.0000



5.9018, 13.9581, 54.4859



13.6873, 13.9581, 87.7742

Sweetspot

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



25.0889, 13.9590, 1.5731



68.6138, 62.6547, 52.2202



31.9516, 15.7159, 40.7578



14.0374, 12.4807, 9.8275



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.



25.0889, 13.9590, 1.5731



42.0176, 22.8153, 2.1892



32.8860, 29.5531, 4.1721



11.3540, 11.4970, 11.7002



16.0510, 8.8349, 0.8593



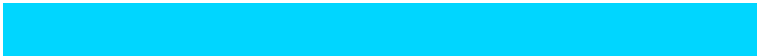
0.8746, 0.5489, 0.0599

Inverse Universe

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



25.3087, 33.4304, 60.9955



42.2093, 55.5387, 103.1031



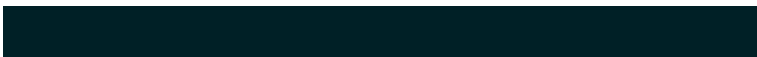
13.2814, 9.3757, 56.9864



11.3854, 12.4113, 14.3659



16.1491, 21.3222, 39.2207



0.8749, 1.1836, 2.0373

Previews

White Background



This preview shows how the XYZ color 25.0886, 13.9581, 1.5729 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 25.0886, 13.9581, 1.5729

Background



This preview shows how black text looks on a background with the XYZ color 25.0886, 13.9581, 1.5729.



This preview shows how white text looks on a background with the XYZ color 25.0886, 13.9581,

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

25.0886, 13.9581, 1.5729

Protanopia

12.9482, 14.3046, 3.0559

Deuteranopia

14.2300, 14.1009, 1.9717



Tritanopia

25.2914, 13.9397, 2.9477

Trichromacy



Original Color

25.0886, 13.9581, 1.5729

Protanomaly

15.4544, 12.3214, 2.1798

Deuteranomaly

16.7709, 12.5834, 1.6311

Tritanomaly

25.1942, 13.9499, 2.2844

Monochromacy



Original Color

25.0886, 13.9581, 1.5729

Achromatopsia

8.4267, 8.8656, 9.6546

Achromatomaly

11.4734, 8.8119, 4.8375

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0886, 13.9581, 1.5729 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(202, 38, 7)` looks like.

```
.text, #text, p{  
    color:rgb(202, 38, 7)  
}
```

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(202, 38, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 38, 7) }
```

Border

The CSS property to change the border of an element to XYZ 25.0886, 13.9581, 1.5729 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(202, 38, 7) }
```


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

```
.border{ border-color:rgb(202, 38, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 38, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 38, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 38, 7);  
box-shadow:4px 4px 4px 4px rgb(202, 38, 7)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.0886, 13.9581, 1.5729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 38, 7) }
```

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

```
.background{ background-color: rgb(202, 38,  
7) }
```

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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