

Converting Colors

XYZ(25.7157, 15.4591, 1.7243)

Have a look what the booklet for
XYZ(25.7157, 15.4591, 1.7243)
contains.

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Color

**XYZ(25.5670, 15.3503,
1.7015)**

Conversions

Conversions Part 1

Format	Color
Hex	C93903
RGB	201, 57, 3
RGB Percent	79%, 22%, 1%
CMY	0.2118, 0.7764, 0.9882
CMYK	0.00, 0.72, 0.99, 0.21
HSL	16°, 97%, 40%
HSV	16°, 99%, 79%
XYZ	25.5670, 15.3503, 1.7015
YIQ	93.9000, 103.1580, 13.7340

Conversions

Conversions Part 2

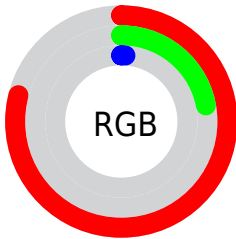
Format	Color
R_{YB}	201, 77, 3
Decimal	13187331
CIE Lab	46.11, 55.05, 57.08
CIE LCh	46, 79.302, 46.041
Yxy	15.3503, 0.5999, 0.3602
Android (android.graphics.Color)	4291377411 (0xFFC93903)
YUV	93.9000, -44.8137, 93.9267
Hunter-Lab	39.1795, 47.9181, 24.8508

Details

The XYZ color **25.5670, 15.3503, 1.7015** 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 **21.0126, 25.1012, 58.9956**, and the grayscale version is **10.7021, 11.2594, 12.2615**.

A 20% lighter version of the original color is **47.9345, 33.3860, 8.0554**, and **10.4812, 5.4033, 0.4905** is the 20% darker color. If you saturate the color by 10%, you get **25.4453, 15.1334, 1.5799**, and if you desaturate by 10%, it is **26.5363, 17.0663, 2.7115**.

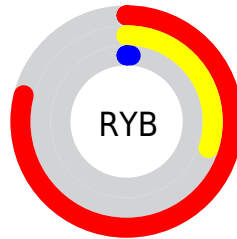
Distribution



Red (79%)

Green (22%)

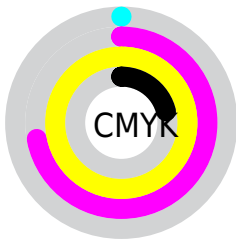
Blue (1%)



Red (79%)

Yellow (30%)

Blue (1%)

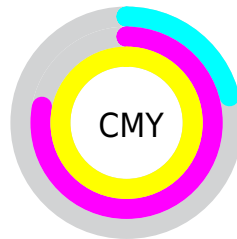


Cyan (0%)

Magenta (72%)

Yellow (99%)

Black (21%)



Cyan (21%)


Magenta (78%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 25.5670, 15.3503, 1.7015 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 25.5670, 15.3503, 1.7015 by changing the saturation by 10% instead.

 25.5670, 15.3503,
1.7015


 25.5670, 15.3503,
1.7015


 272.9458,
225.4768, 117.5546


 16.6310, 9.0656,
0.3618


 52.0119, 35.4665,
8.2074


 10.0654, 4.7840,
0.0000


 70.2514, 50.0669,
14.3274

 5.5049, 2.1211,
0.0000

 92.3229, 68.2079,
22.9169

 2.5842, 0.6764,
0.0000

 118.5916, 90.2740,
34.3943

 0.9379, 0.0000,
0.0000


 149.4228,
116.6495, 49.1782


 0.0000, 0.0000,
0.0000


 185.1821,


147.7189, 67.6873


 226.2346,
183.8665, 90.3399


 25.5670, 15.3503,
1.7015


 25.5670, 15.3503,
1.7015


 25.4453, 15.1334,
1.5799

 26.5363, 17.0663,
2.7115

 27.8743, 19.2880,
4.5587

 29.6332, 22.0602,
7.4431

 31.8496, 25.4191,
11.4928

 34.5561, 29.3976,
16.8173

■ 37.7818, 34.0259,
23.5132

■ 41.5536, 39.3321,
31.6678

■ 45.8962, 45.3426,
41.3609

■ 50.8328, 52.0824,
52.6669

Harmonies

Analogous

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



30.9343, 15.3503, 8.4096



25.5670, 15.3503, 1.7015



17.9463, 15.3503, 0.1776

Triad

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



25.5670, 15.3503, 1.7015



5.2780, 15.3503, 9.2617



18.4740, 15.3503, 83.8226

Complementary

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



25.5670, 15.3503, 1.7015



21.0126, 25.1012, 58.9956

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.



11.6807, 15.3503, 84.8504



25.5670, 15.3503, 1.7015



5.3402, 15.3503, 29.2175

Square

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



25.5670, 15.3503, 1.7015



7.1056, 15.3503, 1.9182



7.3139, 15.3503, 60.2231



26.0545, 15.3503, 58.0075

Rectangle

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



25.5670, 15.3503, 1.7015



13.2675, 15.3503, 0.0447



7.3139, 15.3503, 60.2231



15.9976, 15.3503, 87.5073

Sweetspot

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



25.5673, 15.3512, 1.7017



69.8341, 65.5104, 51.3473



29.4810, 14.6271, 29.3696



14.3483, 13.1804, 9.6909



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.



25.5673, 15.3512, 1.7017



43.4025, 25.5850, 2.6508



35.7918, 35.8002, 5.1099



10.8654, 11.0999, 11.1326



16.0653, 9.6477, 1.0155



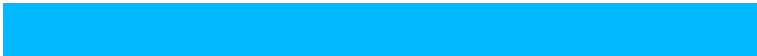
0.8228, 0.5811, 0.0688

Inverse Universe

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



21.0126, 25.1012, 58.9956



35.4919, 42.1038, 100.8640



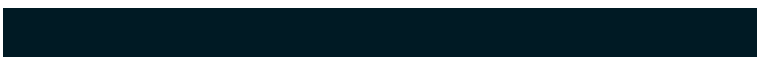
11.6869, 6.4499, 55.8871



10.6926, 11.5593, 13.5851



13.1881, 15.7701, 37.0932



0.6824, 0.8627, 1.7757

Previews

White Background



This preview shows how the XYZ color 25.5670, 15.3503, 1.7015 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 25.5670, 15.3503, 1.7015

Background



This preview shows how black text looks on a background with the XYZ color 25.5670, 15.3503, 1.7015.



This preview shows how white text looks on a background with the XYZ color 25.5670, 15.3503,

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

25.5670, 15.3503, 1.7015

Protanopia

14.0428, 15.4988, 3.0620

Deuteranopia

15.6990, 15.5921, 2.1822



Tritanopia

26.3198, 15.3786, 5.1956

Trichromacy



Original Color

25.5670, 15.3503, 1.7015

Protanomaly

16.7835, 14.1950, 2.3455

Deuteranomaly

18.3955, 14.6630, 1.8894

Tritanomaly

25.9947, 15.3223, 3.2565

Monochromacy



Original Color

25.5670, 15.3503, 1.7015

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

13.4576, 11.2083, 5.8690

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5670, 15.3503, 1.7015 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(201, 57, 3)` looks like.

```
.text, #text, p{  
    color:rgb(201, 57, 3)  
}
```

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(201, 57, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 57, 3) }
```

Border

The CSS property to change the border of an element to XYZ 25.5670, 15.3503, 1.7015 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(201, 57, 3) }
```


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

```
.border{ border-color:rgb(201, 57, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 57, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 57, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 57, 3);  
box-shadow:4px 4px 4px 4px rgb(201, 57, 3)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.5670, 15.3503, 1.7015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 57, 3) }
```

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

```
.background{ background-color: rgb(201, 57,  
3) }
```

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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