

Converting Colors

XYZ(25.8957, 15.6741, 1.7222)

Have a look what the booklet for
XYZ(25.8957, 15.6741, 1.7222)
contains.

XYZ(25.9320, 15.6889, 1.7189)	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(25.9320, 15.6889,
1.7189)**

Conversions

Conversions Part 1

Format	Color
Hex	CA3B02
RGB	202, 59, 2
RGB Percent	79%, 23%, 1%
CMY	0.2078, 0.7686, 0.9922
CMYK	0.00, 0.71, 0.99, 0.21
HSL	17°, 98%, 40%
HSV	17°, 99%, 79%
XYZ	25.9320, 15.6889, 1.7189
YIQ	95.2590, 103.5250, 12.5890

Conversions

Conversions Part 2

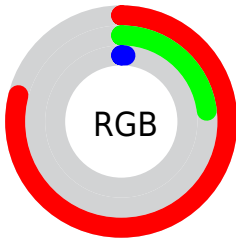
Format	Color
RYB	202, 82, 2
Decimal	13253378
CIELab	46.56, 54.62, 57.70
CIELCh	47, 79.450, 46.569
Yxy	15.6889, 0.5983, 0.3620
Android (android.graphics.Color)	4291443458 (0xFFCA3B02)
YUV	95.2590, -45.9767, 93.6119
Hunter-Lab	39.6092, 47.5471, 25.1535

Details

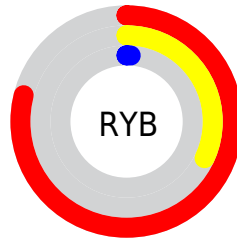
The XYZ color **25.9320, 15.6889, 1.7189** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **20.8094, 24.5248, 59.5135**, and the grayscale version is **11.0301, 11.6045, 12.6373**.

A 20% lighter version of the original color is **48.1345, 33.8270, 7.9953**, and **10.6475, 5.4890, 0.4983** is the 20% darker color. If you saturate the color by 10%, you get **25.8488, 15.5403, 1.6372**, and if you desaturate by 10%, it is **26.9160, 17.4399, 2.7169**.

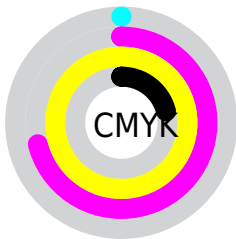
Distribution



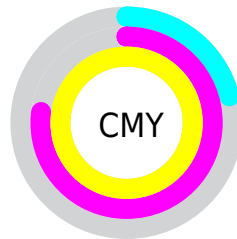
- Red (79%)
- Green (23%)
- Blue (1%)



- Red (79%)
- Yellow (32%)
- Blue (1%)



- Cyan (0%)
- Magenta (71%)
- Yellow (99%)
- Black (21%)





- Cyan (21%)
- Magenta (77%)
- Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 25.9320, 15.6889, 1.7189 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 25.9320, 15.6889, 1.7189 by changing the saturation by 10% instead.


 25.9320, 15.6889,
1.7189

 25.9320, 15.6889,
1.7189


 274.7109,
227.4989, 117.8468


 16.9052, 9.3043,
0.3736


 52.5973, 36.0573,
8.2570


 10.2618, 4.9402,
0.0000


 70.9665, 50.8098,
14.3993

 5.6365, 2.2122,
0.0000

 93.1806, 69.1205,
23.0152

 2.6639, 0.7266,
0.0000

 119.6048, 91.3736,
34.5231


 0.9786, 0.0000,
0.0000


 150.6046,
117.9536, 49.3417


 0.0000, 0.0000,
0.0000


 186.5453,


149.2449, 67.8895


 227.7923,
185.6319, 90.5850


 25.9320, 15.6889,
1.7189


 25.9320, 15.6889,
1.7189


 25.8488, 15.5403,
1.6372

 26.9160, 17.4399,
2.7169

 28.2631, 19.6886,
4.5390

 30.0275, 22.4799,
7.4008

 32.2460, 25.8489,
11.4332

 34.9510, 29.8276,
16.7474

■ 38.1715, 34.4453,
23.4417

■ 41.9341, 39.7295,
31.6045

■ 46.2635, 45.7059,
41.3170

■ 51.1827, 52.3988,
52.6543

Harmonies

Analogous

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



31.4476, 15.6889, 8.4212



25.9320, 15.6889, 1.7189



18.1876, 15.6889, 0.2101

Triad

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



25.9320, 15.6889, 1.7189



5.4150, 15.6889, 9.7293



18.9949, 15.6889, 84.8130

Complementary

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



25.9320, 15.6889, 1.7189



20.8094, 24.5248, 59.5135

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.



12.0551, 15.6889, 86.3792



25.9320, 15.6889, 1.7189



5.5107, 15.6889, 30.2655

Square

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



25.9320, 15.6889, 1.7189



7.2423, 15.6889, 2.0548



7.5622, 15.6889, 61.7696



26.6769, 15.6889, 58.3906

Rectangle

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



25.9320, 15.6889, 1.7189



13.4544, 15.6889, 0.0946



7.5622, 15.6889, 61.7696



16.4709, 15.6889, 88.7114

Sweetspot

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



25.9323, 15.6898, 1.7191



70.0515, 65.9451, 51.4197



29.5151, 14.6545, 28.1959



14.3986, 13.2812, 9.7077



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.



25.9323, 15.6898, 1.7191



43.6021, 25.9841, 2.7174



36.7086, 37.2424, 5.3112



11.4684, 11.7258, 11.7383



16.6999, 10.1328, 1.0756



0.9271, 0.6540, 0.0774

Inverse Universe

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



20.8094, 24.5248, 59.5135



34.8420, 40.8040, 100.6473



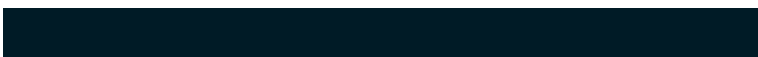
11.6368, 6.1795, 56.4559



11.2626, 12.1655, 14.3250



13.3978, 15.8197, 38.3036



0.7538, 0.9414, 1.9969

Previews

White Background



This preview shows how the XYZ color 25.9320, 15.6889, 1.7189 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 25.9320, 15.6889, 1.7189 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 25.9320, 15.6889, 1.7189

Background



This preview shows how black text looks on a background with the XYZ color 25.9320, 15.6889, 1.7189.



This preview shows how white text looks on a background with the XYZ color 25.9320, 15.6889,

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

25.9320, 15.6889, 1.7189

Protanopia

14.2867, 15.7868, 3.0532

Deuteranopia

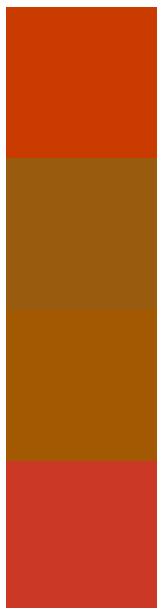
15.9693, 15.8835, 2.2242



Tritanopia

26.7333, 15.7243, 5.4970

Trichromacy



Original Color

25.9320, 15.6889, 1.7189

Protanomaly

17.0502, 14.4611, 2.3446

Deuteranomaly

18.6821, 14.9335, 1.9265

Tritanomaly

26.3767, 15.6584, 3.3824

Monochromacy



Original Color

25.9320, 15.6889, 1.7189

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

13.6911, 11.4398, 5.9014

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9320, 15.6889, 1.7189 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, 59, 2)` looks like.

```
.text, #text, p{  
    color:rgb(202, 59, 2)  
}
```

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, 59, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 59, 2) }
```

Border

The CSS property to change the border of an element to XYZ 25.9320, 15.6889, 1.7189 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, 59, 2) }
```


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

```
.border{ border-color:rgb(202, 59, 2) }
```

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

Here you see how a box with a 4 pixel rgb(202, 59, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 59, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 59, 2);  
box-shadow:4px 4px 4px 4px rgb(202, 59, 2)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.9320, 15.6889, 1.7189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 59, 2) }
```

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

```
.background{ background-color: rgb(202, 59,  
2) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor