

Converting Colors

XYZ(25.3825, 15.6862, 7.1588)

Have a look what the booklet for
XYZ(25.3825, 15.6862, 7.1588)
contains.

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Color

**XYZ(25.3825, 15.6862,
7.1588)**

Conversions

Conversions Part 1

Format	Color
Hex	C34044
RGB	195, 64, 68
RGB Percent	76%, 25%, 27%
CMY	0.2353, 0.7490, 0.7333
CMYK	0.00, 0.67, 0.65, 0.24
HSL	358°, 52%, 51%
HSV	358°, 67%, 76%
XYZ	25.3825, 15.6862, 7.1588
YIQ	103.6250, 76.7920, 29.0160

Conversions

Conversions Part 2

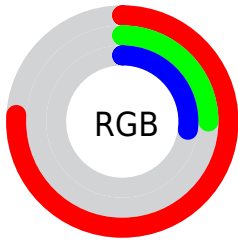
Format	Color
RYB	195, 64, 68
Decimal	12795972
CIELab	46.56, 52.33, 27.14
CIElCh	47, 58.949, 27.413
Yxy	15.6862, 0.5263, 0.3253
Android (android.graphics.Color)	4290986052 (0xFFC34044)
YUV	103.6250, -17.5631, 80.1359
Hunter-Lab	39.6058, 45.0866, 17.0073

Details

The XYZ color **25.3825, 15.6862, 7.1588** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **31.0346, 43.8823, 56.1285**, and the grayscale version is **13.0897, 13.7714, 14.9970**.

A 20% lighter version of the original color is **50.9892, 35.7146, 20.7292**, and **10.1671, 5.2211, 1.3916** is the 20% darker color. If you saturate the color by 10%, you get **23.9817, 13.6641, 4.2897**, and if you desaturate by 10%, it is **27.3543, 18.5532, 11.1362**.

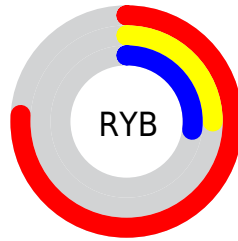
Distribution



Red (76%)

Green (25%)

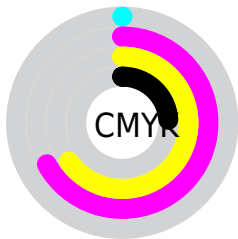
Blue (27%)



Red (76%)

Yellow (25%)

Blue (27%)

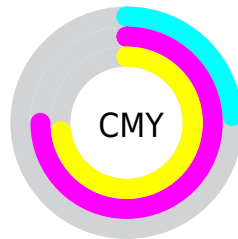


Cyan (0%)

Magenta (67%)

Yellow (65%)

Black (24%)



Cyan (24%)


Magenta (75%)


Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.3825, 15.6862, 7.1588 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 25.3825, 15.6862, 7.1588 by changing the saturation by 10% instead.

 25.3825, 15.6862,
7.1588


 25.3825, 15.6862,
7.1588


272.0501,
227.4829, 178.6575


 16.4925, 9.3024,
3.4817


 51.7155, 36.0526,
20.8103

 9.9664, 4.9389,
1.3455


 69.8892, 50.8039,
31.6217


 5.4388, 2.2115,
0.0987

 91.8883, 69.1132,
45.6482

 2.5443, 0.7262,
0.0000

 118.0779, 91.3648,
63.3085

 0.9177, 0.0000,
0.0000

 148.8236,
117.9432, 85.0210

 0.0000, 0.0000,
0.0000

184.4906,

149.2328, 111.2043

225.4443,
185.6179, 142.2770

■ 25.3825, 15.6862,
7.1588

■ 25.3825, 15.6862,
7.1588

■ 23.9817, 13.6641,
4.2897

■ 27.3543, 18.5532,
11.1362

■ 23.0902, 12.3924,
2.4160

■ 29.9484, 22.3408,
16.3182

■ 22.6275, 11.7465,
1.4000

■ 33.2113, 27.1196,
22.7917

■ 22.5382, 11.6151,
1.2247

■ 37.1850, 32.9525,
30.6353

■ 41.9081, 39.8971,
39.9214

■ 47.4162, 48.0070,
50.7171

■ 53.7427, 57.3322,
63.0856

■ 60.9193, 67.9198,
77.0863

■ 68.9757, 79.8146,
92.7755

Harmonies

Analogous

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



26.9656, 15.6862, 18.3748



25.3825, 15.6862, 7.1588



20.8197, 15.6862, 2.6822

Triad

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



25.3825, 15.6862, 7.1588



8.0950, 15.6862, 6.0015



14.4723, 15.6862, 63.1066

Complementary

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



25.3825, 15.6862, 7.1588



31.0346, 43.8823, 56.1285

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.



10.2389, 15.6862, 53.2072



25.3825, 15.6862, 7.1588



7.1193, 15.6862, 15.8468

Square

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



25.3825, 15.6862, 7.1588



10.8454, 15.6862, 2.3309



7.8049, 15.6862, 33.4887



19.8794, 15.6862, 55.9485

Rectangle

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



25.3825, 15.6862, 7.1588



17.1431, 15.6862, 1.7352



7.8049, 15.6862, 33.4887



12.8784, 15.6862, 61.5789

Sweetspot

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



25.3829, 15.6871, 7.1591



72.2583, 67.3375, 66.0013



33.0779, 18.6367, 53.4835



15.2892, 13.9601, 13.4027



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.



25.3829, 15.6871, 7.1591



42.0341, 23.1589, 5.7692



30.7823, 26.6744, 8.3779



10.0854, 10.0828, 10.5401



14.6543, 7.5515, 0.8258



0.6375, 0.3280, 0.0587

Inverse Universe

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



25.3829, 15.6871, 7.1591



42.0341, 23.1589, 5.7692



20.4723, 22.0447, 54.8057



10.0854, 10.0828, 10.5401



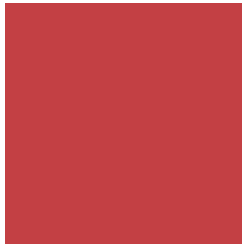
14.6543, 7.5515, 0.8258



0.6375, 0.3280, 0.0587

Previews

White Background



This preview shows how the XYZ color 25.3825, 15.6862, 7.1588 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 25.3825, 15.6862, 7.1588 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 25.3825, 15.6862, 7.1588

Background



This preview shows how black text looks on a background with the XYZ color 25.3825, 15.6862, 7.1588.



This preview shows how white text looks on a background with the XYZ color 25.3825, 15.6862,

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

25.3825, 15.6862, 7.1588

Protanopia

14.8760, 15.9086, 11.3034

Deuteranopia

16.1497, 15.8792, 6.6287



Tritanopia

25.3825, 15.6862, 7.1588

Trichromacy



Original Color

25.3825, 15.6862, 7.1588

Protanomaly

17.3047, 14.6956, 9.5139

Deuteranomaly

18.5711, 15.0204, 6.7709

Tritanomaly

25.3825, 15.6862, 7.1588

Monochromacy



Original Color

25.3825, 15.6862, 7.1588

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

15.7772, 13.2185, 11.6174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3825, 15.6862, 7.1588 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(195, 64, 68)` looks like.

```
.text, #text, p{  
    color:rgb(195, 64, 68)  
}
```

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(195, 64, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 64, 68) }
```

Border

The CSS property to change the border of an element to XYZ 25.3825, 15.6862, 7.1588 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(195, 64, 68) }
```


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

```
.border{ border-color:rgb(195, 64, 68) }
```

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

Here you see how a box with a 4 pixel rgb(195, 64, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 64, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 64, 68);  
box-shadow:4px 4px 4px 4px rgb(195, 64,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3825, 15.6862, 7.1588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 64, 68) }
```

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

```
.background{ background-color: rgb(195, 64,  
68) }
```

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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