

Converting Colors

XYZ(26.0046, 15.3626, 6.4726)

Have a look what the booklet for
XYZ(26.0046, 15.3626, 6.4726)
contains.

XYZ(25.8928, 15.3406, 6.4468)	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(25.8928, 15.3406,
6.4468)**

Conversions

Conversions Part 1

Format	Color
Hex	C73840
RGB	199, 56, 64
RGB Percent	78%, 22%, 25%
CMY	0.2196, 0.7804, 0.7490
CMYK	0.00, 0.72, 0.68, 0.22
HSL	357°, 56%, 50%
HSV	357°, 72%, 78%
XYZ	25.8928, 15.3406, 6.4468
YIQ	99.6690, 82.6600, 32.8040

Conversions

Conversions Part 2

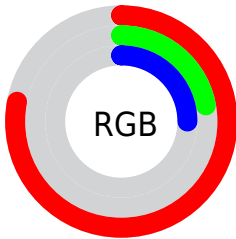
Format	Color
RYB	199, 56, 64
Decimal	13056064
CIELab	46.10, 56.47, 29.11
CIElCh	46, 63.531, 27.274
Yxy	15.3406, 0.5431, 0.3217
Android (android.graphics.Color)	4291246144 (0xFFC73840)
YUV	99.6690, -17.5848, 87.1133
Hunter-Lab	39.1671, 49.4614, 17.6580

Details

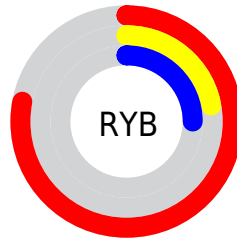
The XYZ color **25.8928, 15.3406, 6.4468** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **31.4597, 45.4497, 56.4098**, and the grayscale version is **12.0583, 12.6863, 13.8154**.

A 20% lighter version of the original color is **50.0698, 34.2401, 19.2993**, and **10.6261, 5.4612, 1.2531** is the 20% darker color. If you saturate the color by 10%, you get **24.6651, 13.6016, 3.8295**, and if you desaturate by 10%, it is **27.6845, 17.9197, 10.1405**.

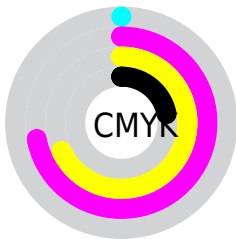
Distribution



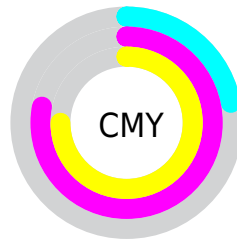
- Red (78%)
- Green (22%)
- Blue (25%)



- Red (78%)
- Yellow (22%)
- Blue (25%)



- Cyan (0%)
- Magenta (72%)
- Yellow (68%)
- Black (22%)





- Cyan (22%)
- Magenta (78%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.8928, 15.3406, 6.4468 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 25.8928, 15.3406, 6.4468 by changing the saturation by 10% instead.


 25.8928, 15.3406,
6.4468


 25.8928, 15.3406,
6.4468


274.5218,
225.4186, 172.4371


 16.8757, 9.0588,
3.0455


 52.5345, 35.4496,
19.3449

 10.2407, 4.7795,
1.1179


 70.8898, 50.0456,
29.6788

 5.6223, 2.1185,
0.0000

 93.0886, 68.1817,
43.1605

 2.6553, 0.6750,
0.0000

 119.4962, 90.2424,
60.2088

 0.9742, 0.0000,
0.0000

 150.4779,
116.6120, 81.2420

 0.0000, 0.0000,
0.0000

 186.3992,

147.6750, 106.6788

227.6254,
183.8157, 136.9376

■ 25.8928, 15.3406,
6.4468

■ 25.8928, 15.3406,
6.4468

■ 24.6651, 13.6016,
3.8295

■ 27.6845, 17.9197,
10.1405

■ 23.9327, 12.5954,
2.1721

■ 30.0959, 21.4240,
15.0095

■ 23.6142, 12.1665,
1.4241

■ 33.1773, 25.9309,
21.1419

■ 36.9736, 31.5091,
28.6175

■ 41.5258, 38.2212,
37.5093

■ 46.8715, 46.1250,
47.8854

■ 53.0463, 55.2745,
59.8091

■ 60.0832, 65.7201,
73.3401

■ 68.0137, 77.5097,
88.5353

Harmonies

Analogous

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



27.6046, 15.3406, 18.1578



25.8928, 15.3406, 6.4468



20.9449, 15.3406, 2.0980

Triad

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



25.8928, 15.3406, 6.4468



7.4743, 15.3406, 5.2335



14.0925, 15.3406, 67.4869

Complementary

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



25.8928, 15.3406, 6.4468



31.4597, 45.4497, 56.4098

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.



9.6572, 15.3406, 56.2833



25.8928, 15.3406, 6.4468



6.4745, 15.3406, 15.3286

Square

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



25.8928, 15.3406, 6.4468



10.3218, 15.3406, 1.7629



7.1625, 15.3406, 34.3700



19.8747, 15.3406, 59.5221

Rectangle

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



25.8928, 15.3406, 6.4468



16.9896, 15.3406, 1.2480



7.1625, 15.3406, 34.3700



12.4111, 15.3406, 65.7347

Sweetspot

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



25.8932, 15.3415, 6.4470



72.3053, 66.3268, 64.8904



32.8257, 17.8314, 55.7443



14.9816, 13.4666, 12.9250



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.



25.8932, 15.3415, 6.4470



42.3944, 22.7167, 4.9418



30.7423, 25.3779, 7.0207



10.6575, 10.6464, 11.1797



15.1952, 7.8276, 0.9719



0.7281, 0.3741, 0.0911

Inverse Universe

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



25.8932, 15.3415, 6.4470



42.3944, 22.7167, 4.9418



20.8911, 22.8664, 57.3452



10.6575, 10.6464, 11.1797



15.1952, 7.8276, 0.9719



0.7281, 0.3741, 0.0911

Previews

White Background



This preview shows how the XYZ color 25.8928, 15.3406, 6.4468 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 25.8928, 15.3406, 6.4468 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 25.8928, 15.3406, 6.4468

Background



This preview shows how black text looks on a background with the XYZ color 25.8928, 15.3406, 6.4468.



This preview shows how white text looks on a background with the XYZ color 25.8928, 15.3406,

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

25.8928, 15.3406, 6.4468

Protanopia

14.5123, 15.5739, 10.6287

Deuteranopia

15.7571, 15.5396, 5.9103



Tritanopia

25.8057, 15.3841, 5.7470

Trichromacy



Original Color

25.8928, 15.3406, 6.4468

Protanomaly

17.0283, 14.0512, 8.8358

Deuteranomaly

18.2982, 14.4013, 5.9530

Tritanomaly

25.8586, 15.4053, 6.0255

Monochromacy



Original Color

25.8928, 15.3406, 6.4468

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

15.0440, 12.2630, 10.5909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8928, 15.3406, 6.4468 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(199, 56, 64)` looks like.

```
.text, #text, p{  
    color:rgb(199, 56, 64)  
}
```

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(199, 56, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 56, 64) }
```

Border

The CSS property to change the border of an element to XYZ 25.8928, 15.3406, 6.4468 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(199, 56, 64) }
```


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

```
.border{ border-color:rgb(199, 56, 64) }
```

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

Here you see how a box with a 4 pixel rgb(199, 56, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 56, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 56, 64);  
box-shadow:4px 4px 4px 4px rgb(199, 56,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8928, 15.3406, 6.4468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 56, 64) }
```

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

```
.background{ background-color: rgb(199, 56,  
64) }
```

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