

Converting Colors

XYZ(26.6814, 15.5009, 6.4533)

Have a look what the booklet for
XYZ(26.6814, 15.5009, 6.4533)
contains.

XYZ(26.7820, 15.5227, 6.4351)	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(26.7820, 15.5227,
6.4351)**

Conversions

Conversions Part 1

Format	Color
Hex	CB3440
RGB	203, 52, 64
RGB Percent	80%, 20%, 25%
CMY	0.2039, 0.7960, 0.7490
CMYK	0.00, 0.74, 0.68, 0.20
HSL	355°, 59%, 50%
HSV	355°, 74%, 80%
XYZ	26.7820, 15.5227, 6.4351
YIQ	98.5170, 86.1440, 35.7440

Conversions

Conversions Part 2

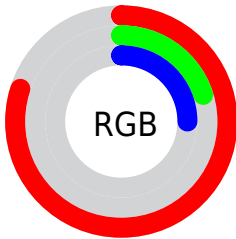
Format	Color
RYB	203, 52, 64
Decimal	13317184
CIELab	46.34, 59.08, 29.58
CIElCh	46, 66.074, 26.597
Yxy	15.5227, 0.5495, 0.3185
Android (android.graphics.Color)	4291507264 (0xFFCB3440)
YUV	98.5170, -17.0169, 91.6316
Hunter-Lab	39.3989, 52.3902, 17.8952

Details

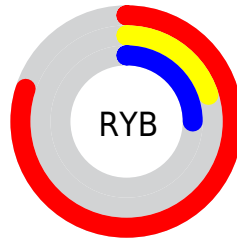
The XYZ color **26.7820, 15.5227, 6.4351** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **32.1777, 47.2040, 56.7117**, and the grayscale version is **11.7658, 12.3785, 13.4802**.

A 20% lighter version of the original color is **49.7406, 33.5817, 19.1895**, and **11.1293, 5.7206, 1.2767** is the 20% darker color. If you saturate the color by 10%, you get **25.6169, 13.9059, 3.8482**, and if you desaturate by 10%, it is **28.5153, 17.9913, 10.0905**.

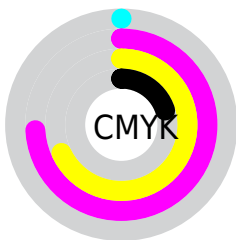
Distribution



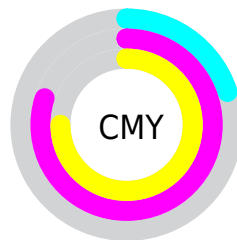
- Red (80%)
- Green (20%)
- Blue (25%)



- Red (80%)
- Yellow (20%)
- Blue (25%)



- Cyan (0%)
- Magenta (74%)
- Yellow (68%)
- Black (20%)





- Cyan (20%)
- Magenta (80%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.7820, 15.5227, 6.4351 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 26.7820, 15.5227, 6.4351 by changing the saturation by 10% instead.


 26.7820, 15.5227,
6.4351


 26.7820, 15.5227,
6.4351


278.7869,
226.5085, 172.3324


 17.5453, 9.1870,
3.0384


 53.9562, 35.7676,
19.3206


 10.7217, 4.8634,
1.1143


 72.6244, 50.4456,
29.6464

 5.9460, 2.1673,
0.0000


 95.1672, 68.6732,
43.1190

 2.8526, 0.7021,
0.0000

 121.9499, 90.8347,
60.1569

 1.0763, 0.0000,
0.0000

 153.3379,
117.3147, 81.1786

 0.0051, 0.0000,
0.0000

 189.6964,

 0.0000, 0.0000,

148.4973, 106.6028

0.0000

231.3910,
184.7672, 136.8479

■ 26.7820, 15.5227,
6.4351

■ 26.7820, 15.5227,
6.4351

■ 25.6169, 13.9059,
3.8482

■ 28.5153, 17.9913,
10.0905

■ 24.9464, 13.0227,
2.2131

■ 30.8762, 21.4041,
14.9130

■ 24.7228, 12.7342,
1.6498

■ 33.9178, 25.8446,
20.9908

■ 37.6871, 31.3863,
28.4034

■ 42.2271, 38.0961,
37.2237

■ 47.5773, 46.0354,
47.5194

■ 53.7746, 55.2614,
59.3537

■ 60.8537, 65.8278,
72.7862

■ 68.8471, 77.7850,
87.8733

Harmonies

Analogous

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



28.5028, 15.5227, 18.8202



26.7820, 15.5227, 6.4351



21.5931, 15.5227, 1.9500

Triad

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



26.7820, 15.5227, 6.4351



7.4057, 15.5227, 4.8942



14.1172, 15.5227, 71.0136

Complementary

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



26.7820, 15.5227, 6.4351



32.1777, 47.2040, 56.7117

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.



9.5368, 15.5227, 58.5593



26.7820, 15.5227, 6.4351



6.3382, 15.5227, 15.1180

Square

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



26.7820, 15.5227, 6.4351



10.3980, 15.5227, 1.5436



7.0051, 15.5227, 35.0491



20.1825, 15.5227, 62.8988

Rectangle

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



26.7820, 15.5227, 6.4351



17.4232, 15.5227, 1.0982



7.0051, 15.5227, 35.0491



12.3721, 15.5227, 68.9663

Sweetspot

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



26.7824, 15.5236, 6.4353



72.4622, 66.3896, 65.7169



33.3474, 17.7697, 58.1718



15.0178, 13.4810, 13.1155



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.



26.7824, 15.5236, 6.4353



42.1510, 22.2907, 4.6730



31.3705, 25.1884, 6.4587



11.2479, 11.2279, 11.8399



15.7472, 8.1095, 1.1215



0.8252, 0.4235, 0.1255

Inverse Universe

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



26.7824, 15.5236, 6.4353



42.1510, 22.2907, 4.6730



21.5871, 23.8240, 59.9602



11.2479, 11.2279, 11.8399



15.7472, 8.1095, 1.1215



0.8252, 0.4235, 0.1255

Previews

White Background



This preview shows how the XYZ color 26.7820, 15.5227, 6.4351 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 26.7820, 15.5227, 6.4351 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 26.7820, 15.5227, 6.4351

Background



This preview shows how black text looks on a background with the XYZ color 26.7820, 15.5227, 6.4351.



This preview shows how white text looks on a background with the XYZ color 26.7820, 15.5227,

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

26.7820, 15.5227, 6.4351

Protanopia

14.7269, 15.6753, 11.0535

Deuteranopia

15.9187, 15.6229, 5.9179



Tritanopia

26.6374, 15.6107, 5.2236

Trichromacy



Original Color

26.7820, 15.5227, 6.4351

Protanomaly

17.3420, 14.0844, 9.0123

Deuteranomaly

18.6144, 14.4449, 5.9447

Tritanomaly

26.6654, 15.5482, 5.5987

Monochromacy



Original Color

26.7820, 15.5227, 6.4351

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

15.0135, 12.0248, 10.3338

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7820, 15.5227, 6.4351 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(203, 52, 64)` looks like.

```
.text, #text, p{  
    color:rgb(203, 52, 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(203, 52, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 52, 64) }
```

Border

The CSS property to change the border of an element to XYZ 26.7820, 15.5227, 6.4351 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(203, 52, 64) }
```


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

```
.border{ border-color:rgb(203, 52, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 52, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 52, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 52, 64);  
box-shadow:4px 4px 4px 4px rgb(203, 52,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7820, 15.5227, 6.4351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 52, 64) }
```

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

```
.background{ background-color: rgb(203, 52,  
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