

Converting Colors

XYZ(27.3149, 15.1684, 5.6257)

Have a look what the booklet for
XYZ(27.3149, 15.1684, 5.6257)
contains.

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Color

**XYZ(27.3145, 15.1670,
5.6256)**

Conversions

Conversions Part 1

Format	Color
Hex	CF293B
RGB	207, 41, 59
RGB Percent	81%, 16%, 23%
CMY	0.1882, 0.8392, 0.7686
CMYK	0.00, 0.80, 0.71, 0.19
HSL	353°, 67%, 49%
HSV	353°, 80%, 81%
XYZ	27.3145, 15.1670, 5.6256
YIQ	92.6860, 93.1580, 40.7900

Conversions

Conversions Part 2

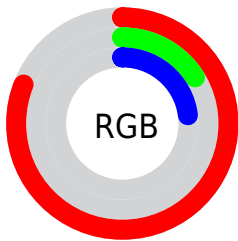
Format	Color
RYB	207, 41, 59
Decimal	13576507
CIELab	45.86, 63.31, 32.17
CIElCh	46, 71.012, 26.936
Yxy	15.1670, 0.5678, 0.3153
Android (android.graphics.Color)	4291766587 (0xFFCF293B)
YUV	92.6860, -16.6072, 100.2534
Hunter-Lab	38.9448, 57.0400, 18.6969

Details

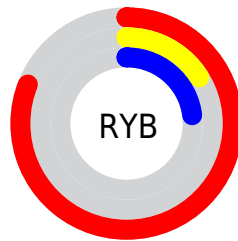
The XYZ color **27.3145, 15.1670, 5.6256** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark muted red. A complement of this color would be **32.4144, 48.7718, 55.8566**, and the grayscale version is **10.3549, 10.8942, 11.8638**.

A 20% lighter version of the original color is **48.6918, 32.0011, 17.2462**, and **11.6028, 5.9698, 1.0711** is the 20% darker color. If you saturate the color by 10%, you get **26.3800, 13.9337, 3.3554**, and if you desaturate by 10%, it is **28.7949, 17.2218, 8.9127**.

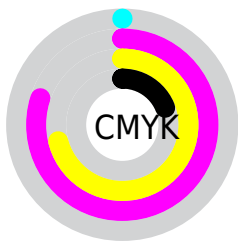
Distribution



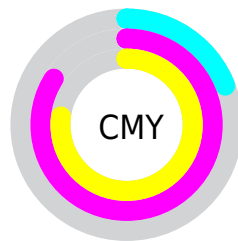
- Red (81%)
- Green (16%)
- Blue (23%)



- Red (81%)
- Yellow (16%)
- Blue (23%)



- Cyan (0%)
- Magenta (80%)
- Yellow (71%)
- Black (19%)





- Cyan (19%)
- Magenta (84%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3145, 15.1670, 5.6256 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 27.3145, 15.1670, 5.6256 by changing the saturation by 10% instead.


 27.3145, 15.1670,
5.6256


 27.3145, 15.1670,
5.6256


281.3165,
224.3748, 164.8699


 17.9474, 8.9367,
2.5537


 54.8045, 35.1459,
17.6128


 11.0117, 4.6999,
0.8684


 73.6580, 49.6632,
27.3651

 6.1420, 2.0723,
0.0000


 96.4044, 67.7117,
40.1813

 2.9731, 0.6490,
0.0000

 123.4090, 89.6757,
56.4800

 1.1396, 0.0000,
0.0000

 155.0371,
115.9396, 76.6797

 0.0578, 0.0000,
0.0000

 191.6542,

 0.0000, 0.0000,

146.8878, 101.1988

0.0000

233.6256,
182.9048, 130.4561

■ 27.3145, 15.1670,
5.6256

■ 27.3145, 15.1670,
5.6256

■ 26.3800, 13.9337,
3.3554

■ 28.7949, 17.2218,
8.9127

■ 25.8810, 13.3249,
1.9890

■ 30.8879, 20.2054,
13.3177

■ 33.6520, 24.2118,
18.9303

■ 37.1380, 29.3226,
25.8305

■ 41.3923, 35.6113,
34.0916

■ 46.4569, 43.1451,
43.7814

■ 52.3711, 51.9860,
54.9631

■ 59.1716, 62.1919,
67.6962

■ 66.8927, 73.8173,
82.0368

Harmonies

Analogous

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



29.2464, 15.1670, 18.3407



27.3145, 15.1670, 5.6256



21.6566, 15.1670, 1.4263

Triad

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



27.3145, 15.1670, 5.6256



6.7575, 15.1670, 4.2638



13.8089, 15.1670, 76.2036

Complementary

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



27.3145, 15.1670, 5.6256



32.4144, 48.7718, 55.8566

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.



9.0009, 15.1670, 62.4512



27.3145, 15.1670, 5.6256



5.7022, 15.1670, 14.8133

Square

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



27.3145, 15.1670, 5.6256



9.8025, 15.1670, 1.1088



6.3928, 15.1670, 36.4162



20.2879, 15.1670, 66.8289

Rectangle

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



27.3145, 15.1670, 5.6256



17.1790, 15.1670, 0.6920



6.3928, 15.1670, 36.4162



11.9660, 15.1670, 73.9900

Sweetspot

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



27.3148, 15.1679, 5.6258



70.9632, 63.9450, 63.5111



32.7049, 16.7368, 60.5380



14.5720, 12.7695, 12.4120



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.



27.3148, 15.1679, 5.6258



41.6804, 21.6133, 3.7029



31.1476, 23.4558, 4.9848



11.8601, 11.8288, 12.5390



16.3235, 8.4023, 1.3440



0.9307, 0.4770, 0.1700

Inverse Universe

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



27.3148, 15.1679, 5.6258



41.6804, 21.6133, 3.7029



22.0558, 24.7333, 62.6427



11.8601, 11.8288, 12.5390



16.3235, 8.4023, 1.3440



0.9307, 0.4770, 0.1700

Previews

White Background



This preview shows how the XYZ color 27.3145, 15.1670, 5.6256 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 27.3145, 15.1670, 5.6256 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 27.3145, 15.1670, 5.6256

Background



This preview shows how black text looks on a background with the XYZ color 27.3145, 15.1670, 5.6256.



This preview shows how white text looks on a background with the XYZ color 27.3145, 15.1670,

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

27.3145, 15.1670, 5.6256

Protanopia

14.3661, 15.3437, 10.3881

Deuteranopia

15.6580, 15.3566, 5.0446



Tritanopia

27.0874, 15.2486, 3.8985

Trichromacy



Original Color

27.3145, 15.1670, 5.6256

Protanomaly

16.9840, 13.3191, 8.1543

Deuteranomaly

18.4853, 13.8233, 5.0620

Tritanomaly

27.1504, 15.2149, 4.4115

Monochromacy



Original Color

27.3145, 15.1670, 5.6256

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

13.7655, 10.5600, 9.0973

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3145, 15.1670, 5.6256 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(207, 41, 59)` looks like.

```
.text, #text, p{  
    color:rgb(207, 41, 59)  
}
```

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(207, 41, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 41, 59) }
```

Border

The CSS property to change the border of an element to XYZ 27.3145, 15.1670, 5.6256 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(207, 41, 59) }
```


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

```
.border{ border-color:rgb(207, 41, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 41, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 41, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 41, 59);  
box-shadow:4px 4px 4px 4px rgb(207, 41,  
59) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3145, 15.1670, 5.6256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 41, 59) }
```

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

```
.background{ background-color: rgb(207, 41,  
59) }
```

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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