

Converting Colors

XYZ(29.0449, 19.3891, 5.7374)

Have a look what the booklet for
XYZ(29.0449, 19.3891, 5.7374)
contains.

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Color

**XYZ(29.1367, 19.4227,
5.7033)**

Conversions

Conversions Part 1

Format	Color
Hex	CE5236
RGB	206, 82, 54
RGB Percent	81%, 32%, 21%
CMY	0.1922, 0.6784, 0.7882
CMYK	0.00, 0.60, 0.74, 0.19
HSL	11°, 61%, 51%
HSV	11°, 74%, 81%
XYZ	29.1367, 19.4227, 5.7033
YIQ	115.8840, 82.8920, 17.5800

Conversions

Conversions Part 2

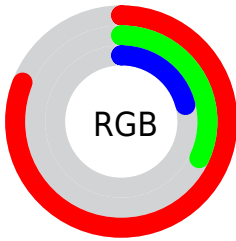
Format	Color
R_{YB}	206, 88, 54
Decimal	13521462
CIE _{Lab}	51.18, 47.57, 40.99
CIE _{LCh}	51, 62.799, 40.750
Yxy	19.4227, 0.5370, 0.3579
Android (android.graphics.Color)	4291711542 (0xFFCE5236)
YUV	115.8840, -30.5088, 79.0317
Hunter-Lab	44.0712, 40.8868, 23.1771

Details

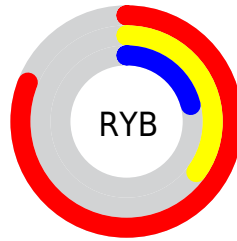
The XYZ color **29.1367, 19.4227, 5.7033** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **28.5808, 37.0783, 64.0425**, and the grayscale version is **16.6384, 17.5049, 19.0628**.

A 20% lighter version of the original color is **52.4424, 39.8276, 17.4939**, and **12.0903, 6.7761, 0.9004** is the 20% darker color. If you saturate the color by 10%, you get **27.6356, 17.0378, 3.3005**, and if you desaturate by 10%, it is **31.1538, 22.5123, 9.2885**.

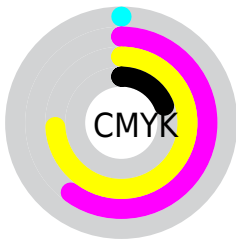
Distribution



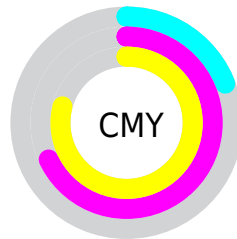
- Red (81%)
- Green (32%)
- Blue (21%)



- Red (81%)
- Yellow (35%)
- Blue (21%)



- Cyan (0%)
- Magenta (60%)
- Yellow (74%)
- Black (19%)



- Cyan (19%)
- Magenta (68%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1367, 19.4227, 5.7033 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 29.1367, 19.4227, 5.7033 by changing the saturation by 10% instead.

■ 29.1367, 19.4227,
5.7033

■ 29.1367, 19.4227,
5.7033

289.8420,
248.7725, 165.6062

■ 19.3291, 11.9761,
2.5997

■ 57.6903, 42.4472,
17.7788

■ 12.0137, 6.7274,
0.8923

■ 77.1669, 58.7938,
27.5877

■ 6.8253, 3.2922,
0.0000

■ 100.5972, 78.8759,
40.4689

■ 3.3984, 1.2861,
0.0000

■ 128.3466,
103.0779, 56.8407

■ 1.3678, 0.1304,
0.0000

■ 160.7805,
131.7842, 77.1219

■ 0.2331, 0.0000,
0.0000

■ 198.2640,

■ 0.0000, 0.0000,

165.3791, 101.7308

0.0000

241.1628,
204.2471, 131.0861

■ 29.1367, 19.4227,
5.7033

■ 29.1367, 19.4227,
5.7033

■ 27.6356, 17.0378,
3.3005

■ 31.1538, 22.5123,
9.2885

■ 26.5981, 15.2970,
1.9248

■ 33.7293, 26.3541,
14.1835

■ 26.1451, 14.5052,
1.4218

■ 36.9026, 30.9948,
20.4999

■ 40.7089, 36.4767,
28.3373

■ 45.1807, 42.8390,
37.7860

■ 50.3483, 50.1182,
48.9296

■ 56.2400, 58.3490,
61.8457

■ 62.8825, 67.5640,
76.6070

■ 70.3012, 77.7946,
93.2823

Harmonies

Analogous

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



32.9538, 19.4227, 15.3588



29.1367, 19.4227, 5.7033



22.7105, 19.4227, 2.4596

Triad

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



29.1367, 19.4227, 5.7033



9.2845, 19.4227, 11.7135



20.7929, 19.4227, 76.1414

Complementary

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



29.1367, 19.4227, 5.7033



28.5808, 37.0783, 64.0425

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.



14.7772, 19.4227, 73.0835



29.1367, 19.4227, 5.7033



8.9961, 19.4227, 28.2350

Square

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



29.1367, 19.4227, 5.7033



11.6779, 19.4227, 4.3269



10.7746, 19.4227, 52.4868



27.4634, 19.4227, 59.3766

Rectangle

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



29.1367, 19.4227, 5.7033



18.3039, 19.4227, 2.0298



10.7746, 19.4227, 52.4868



18.6184, 19.4227, 77.5613

Sweetspot

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



29.1371, 19.4238, 5.7036



74.3958, 71.0961, 63.7738



34.8218, 18.9798, 44.0176



15.4644, 14.5674, 12.6689



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.



29.1371, 19.4238, 5.7036



43.6321, 25.7078, 3.7642



38.3234, 37.7962, 8.7657



11.3768, 11.5425, 11.7077



16.1516, 9.0361, 0.8929



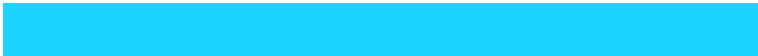
0.8851, 0.5698, 0.0633

Inverse Universe

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



28.5808, 37.0783, 64.0425



42.3706, 55.1482, 103.0192



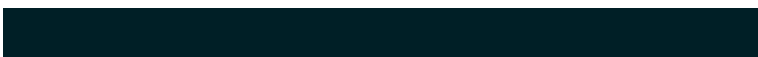
17.4264, 14.7695, 60.3244



11.3607, 12.3618, 14.3577



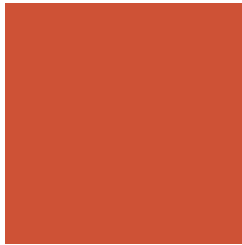
15.5532, 20.1305, 39.0221



0.8492, 1.1321, 2.0287

Previews

White Background



This preview shows how the XYZ color 29.1367, 19.4227, 5.7033 looks on a white 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

Black Background



This preview shows how the XYZ color 29.1367, 19.4227, 5.7033 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.1367, 19.4227, 5.7033

Background



This preview shows how black text looks on a background with the XYZ color 29.1367, 19.4227, 5.7033.



This preview shows how white text looks on a background with the XYZ color 29.1367, 19.4227,

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

29.1367, 19.4227, 5.7033

Protanopia

18.0878, 19.7221, 8.1636

Deuteranopia

19.8754, 19.4603, 5.2934



Tritanopia

30.0178, 19.3387, 10.3342

Trichromacy



Original Color

29.1367, 19.4227, 5.7033

Protanomaly

20.9300, 18.6500, 7.0541

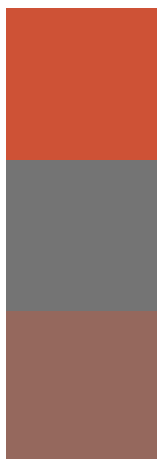
Deuteranomaly

22.5179, 18.8930, 5.3656

Tritanomaly

29.6978, 19.3252, 8.2958

Monochromacy



Original Color

29.1367, 19.4227, 5.7033

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

19.3205, 17.0805, 12.6345

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1367, 19.4227, 5.7033 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(206, 82, 54)` looks like.

```
.text, #text, p{  
    color:rgb(206, 82, 54)  
}
```

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(206, 82, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 82, 54) }
```

Border

The CSS property to change the border of an element to XYZ 29.1367, 19.4227, 5.7033 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(206, 82, 54) }
```


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

```
.border{ border-color:rgb(206, 82, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 82, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 82, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 82, 54);  
box-shadow:4px 4px 4px 4px rgb(206, 82,  
54) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1367, 19.4227, 5.7033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 82, 54) }
```

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

```
.background{ background-color: rgb(206, 82,  
54) }
```

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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