

Converting Colors

XYZ(27.0257, 15.3157, 3.2829)

Have a look what the booklet for
XYZ(27.0257, 15.3157, 3.2829)
contains.

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Color

**XYZ(27.0431, 15.3530,
3.2884)**

Conversions

Conversions Part 1

Format	Color
Hex	CF2E25
RGB	207, 46, 37
RGB Percent	81%, 18%, 15%
CMY	0.1882, 0.8196, 0.8549
CMYK	0.00, 0.78, 0.82, 0.19
HSL	3°, 70%, 48%
HSV	3°, 82%, 81%
XYZ	27.0431, 15.3530, 3.2884
YIQ	93.1130, 98.8450, 31.3330

Conversions

Conversions Part 2

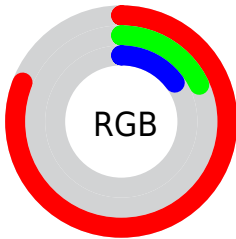
Format	Color
RYB	207, 47, 37
Decimal	13577765
CIELab	46.11, 61.13, 44.81
CIElCh	46, 75.791, 36.244
Yxy	15.3530, 0.5920, 0.3361
Android (android.graphics.Color)	4291767845 (0xFFCF2E25)
YUV	93.1130, -27.6637, 99.8789
Hunter-Lab	39.1829, 54.6263, 22.4522

Details

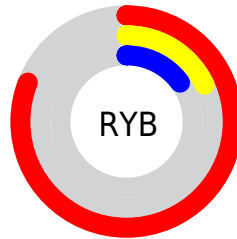
The XYZ color **27.0431, 15.3530, 3.2884** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **32.2165, 45.2806, 66.0731**, and the grayscale version is **10.4787, 11.0244, 12.0055**.

A 20% lighter version of the original color is **47.9943, 32.2082, 12.0747**, and **11.5016, 5.9293, 0.5383** is the 20% darker color. If you saturate the color by 10%, you get **26.2063, 14.0608, 1.8349**, and if you desaturate by 10%, it is **28.4140, 17.4195, 5.8280**.

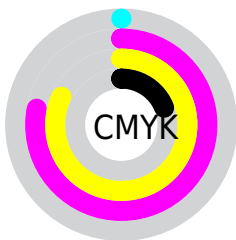
Distribution



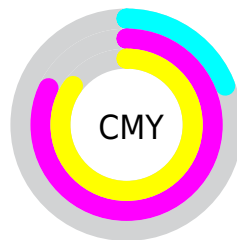
- Red (81%)
- Green (18%)
- Blue (15%)



- Red (81%)
- Yellow (18%)
- Blue (15%)



- Cyan (0%)
- Magenta (78%)
- Yellow (82%)
- Black (19%)





- Cyan (19%)
- Magenta (82%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0431, 15.3530, 3.2884 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 27.0431, 15.3530, 3.2884 by changing the saturation by 10% instead.

 27.0431, 15.3530,
3.2884


 27.0431, 15.3530,
3.2884


280.0295,
225.4930, 139.9531


 17.7423, 9.0675,
1.2437


 54.3724, 35.4713,
12.3322

 10.8637, 4.7852,
0.0150


 73.1317, 50.0728,
20.1683

 6.0419, 2.1218,
0.0000


 95.7745, 68.2152,
30.7720

 2.9115, 0.6769,
0.0000

 122.6663, 90.2828,
44.5619

 1.1071, 0.0000,
0.0000

 154.1723,
116.6599, 61.9563

 0.0311, 0.0000,
0.0000

 190.6579,

 0.0000, 0.0000,

147.7311, 83.3740

0.0000

232.4885,
183.8807, 109.2334

27.0431, 15.3530,
3.2884

27.0431, 15.3530,
3.2884

26.2063, 14.0608,
1.8349

28.4140, 17.4195,
5.8280


25.8513, 13.5041,
1.2440

30.3873, 20.3526,
9.6102


33.0223, 24.2349,
14.7671


36.3709, 29.1383,
21.4133

40.4799, 35.1281,
29.6519

 45.3918, 42.2639,
39.5765

 51.1465, 50.6011,
51.2735

 57.7807, 60.1916,
64.8235

 65.3292, 71.0840,
80.3021

Harmonies

Analogous

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



30.7038, 15.3530, 13.1461



27.0431, 15.3530, 3.2884



20.1759, 15.3530, 0.7087

Triad

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



27.0431, 15.3530, 3.2884



5.9349, 15.3530, 6.1079



15.9824, 15.3530, 82.6404

Complementary

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



27.0431, 15.3530, 3.2884



32.2165, 45.2806, 66.0731

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.



10.1479, 15.3530, 74.7872



27.0431, 15.3530, 3.2884



5.4148, 15.3530, 20.8818

Square

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



27.0431, 15.3530, 3.2884



8.4235, 15.3530, 1.3219



6.7059, 15.3530, 47.7053



23.2142, 15.3530, 64.7884

Rectangle

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



27.0431, 15.3530, 3.2884



15.4195, 15.3530, 0.2711



6.7059, 15.3530, 47.7053



13.7957, 15.3530, 83.0308

Sweetspot

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



27.0434, 15.3539, 3.2886



70.1037, 63.8971, 58.0731



36.6443, 18.6888, 55.4046



14.4056, 12.8057, 11.2188



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.



27.0434, 15.3539, 3.2886



41.4383, 21.6342, 2.0650



34.1152, 29.4976, 5.6459



11.8583, 11.9073, 12.2854



16.3092, 8.5515, 0.7910



0.9300, 0.5143, 0.0502

Inverse Universe

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



32.2165, 45.2806, 66.0731



49.7200, 70.5127, 105.5975



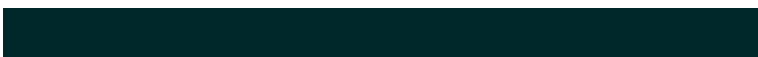
17.9865, 16.8205, 61.3298



12.1025, 13.2952, 15.1720



19.5591, 27.7647, 41.5208



1.1104, 1.5860, 2.3272

Previews

White Background



This preview shows how the XYZ color 27.0431, 15.3530, 3.2884 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 27.0431, 15.3530, 3.2884 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 27.0431, 15.3530, 3.2884

Background



This preview shows how black text looks on a background with the XYZ color 27.0431, 15.3530, 3.2884.



This preview shows how white text looks on a background with the XYZ color 27.0431, 15.3530,

3.2884.

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

27.0431, 15.3530, 3.2884

Protanopia

14.2678, 15.5558, 5.7406

Deuteranopia

15.7240, 15.4401, 2.8133



Tritanopia

27.1442, 15.3316, 4.0113

Trichromacy



Original Color

27.0431, 15.3530, 3.2884

Protanomaly

17.0786, 13.8021, 4.5602

Deuteranomaly

18.5896, 14.1536, 2.7294

Tritanomaly

27.0884, 15.3093, 3.7178

Monochromacy



Original Color

27.0431, 15.3530, 3.2884

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

13.6186, 10.7183, 7.6544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0431, 15.3530, 3.2884 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, 46, 37)` looks like.

```
.text, #text, p{  
    color:rgb(207, 46, 37)  
}
```

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, 46, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 46, 37) }
```

Border

The CSS property to change the border of an element to XYZ 27.0431, 15.3530, 3.2884 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, 46, 37) }
```


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

```
.border{ border-color:rgb(207, 46, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 46, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 46, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 46, 37);  
box-shadow:4px 4px 4px 4px rgb(207, 46,  
37) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0431, 15.3530, 3.2884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 46, 37) }
```

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

```
.background{ background-color: rgb(207, 46,  
37) }
```

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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