

Converting Colors

XYZ(27.5244, 17.4600, 5.2876)

Have a look what the booklet for
XYZ(27.5244, 17.4600, 5.2876)
contains.

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Color

**XYZ(27.5244, 17.4600,
5.2876)**

Conversions

Conversions Part 1

Format	Color
Hex	CB4735
RGB	203, 71, 53
RGB Percent	80%, 28%, 21%
CMY	0.2039, 0.7215, 0.7922
CMYK	0.00, 0.65, 0.74, 0.20
HSL	7°, 59%, 50%
HSV	7°, 74%, 80%
XYZ	27.5244, 17.4600, 5.2876
YIQ	108.4160, 84.4500, 22.3860

Conversions

Conversions Part 2

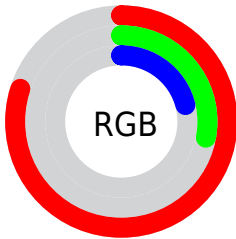
Format	Color
RYB	203, 73, 53
Decimal	13322037
CIELab	48.83, 51.34, 38.82
CIElCh	49, 64.362, 37.092
Yxy	17.4600, 0.5475, 0.3473
Android (android.graphics.Color)	4291512117 (0xFFCB4735)
YUV	108.4160, -27.3201, 82.9502
Hunter-Lab	41.7852, 44.4561, 21.7469

Details

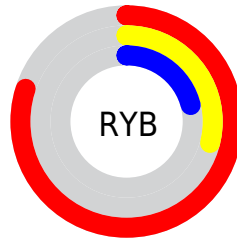
The XYZ color **27.5244, 17.4600, 5.2876** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **29.5949, 39.7631, 62.6147**, and the grayscale version is **14.4295, 15.1809, 16.5321**.

A 20% lighter version of the original color is **50.9226, 36.8668, 16.7440**, and **11.0609, 5.7454, 0.7557** is the 20% darker color. If you saturate the color by 10%, you get **26.1785, 15.3640, 3.0028**, and if you desaturate by 10%, it is **29.4027, 20.3048, 8.7253**.

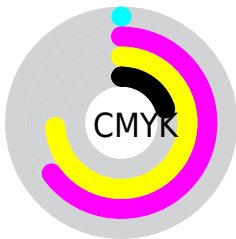
Distribution



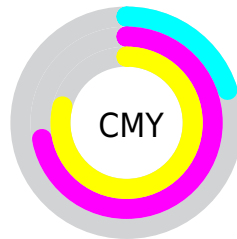
- Red (80%)
- Green (28%)
- Blue (21%)



- Red (80%)
- Yellow (29%)
- Blue (21%)



- Cyan (0%)
- Magenta (65%)
- Yellow (74%)
- Black (20%)





- Cyan (20%)
- Magenta (72%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.5244, 17.4600, 5.2876 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 27.5244, 17.4600, 5.2876 by changing the saturation by 10% instead.

 27.5244, 17.4600,
5.2876


 27.5244, 17.4600,
5.2876


282.3088,
237.8095, 161.6121


 18.1061, 10.5630,
2.3553


 55.1382, 39.1150,
16.8847


 11.1263, 5.7738,
0.7620


 74.0644, 54.6418,
26.3865

 6.2198, 2.7080,
0.0000


 96.8905, 73.8140,
38.9153

 3.0211, 0.9813,
0.0000

 123.9821, 97.0159,
54.8896

 1.1649, 0.0000,
0.0000

 155.7043,
124.6321, 74.7278

 0.0784, 0.0000,
0.0000

 192.4226,

 0.0000, 0.0000,

157.0468, 98.8487

0.0000

234.5023,
194.6444, 127.6706

■ 27.5244, 17.4600,
5.2876

■ 27.5244, 17.4600,
5.2876

■ 26.1785, 15.3640,
3.0028

■ 29.4027, 20.3048,
8.7253

■ 25.3066, 13.9427,
1.7182

■ 31.8609, 23.9575,
13.4410

■ 24.9627, 13.3650,
1.2640

■ 34.9427, 28.4745,
19.5444

■ 38.6871, 33.9064,
27.1333

■ 43.1298, 40.2999,
36.2964

■ 48.3041, 47.6985,
47.1156

■ 54.2410, 56.1429,
59.6672

■ 60.9699, 65.6717,
74.0225

■ 68.5184, 76.3215,
90.2490

Harmonies

Analogous

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



30.7721, 17.4600, 15.2382



27.5244, 17.4600, 5.2876



21.4705, 17.4600, 1.9693

Triad

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



27.5244, 17.4600, 5.2876



8.1157, 17.4600, 8.8795



18.0514, 17.4600, 73.7623

Complementary

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



27.5244, 17.4600, 5.2876



29.5949, 39.7631, 62.6147

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.



12.5202, 17.4600, 68.1371



27.5244, 17.4600, 5.2876



7.6193, 17.4600, 23.3602

Square

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



27.5244, 17.4600, 5.2876



10.5961, 17.4600, 3.0056



9.0265, 17.4600, 46.4882



24.5152, 17.4600, 59.0764

Rectangle

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



27.5244, 17.4600, 5.2876



17.1838, 17.4600, 1.4591



9.0265, 17.4600, 46.4882



16.0203, 17.4600, 74.2794

Sweetspot

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



27.5248, 17.4610, 5.2879



73.5207, 69.3459, 63.4821



34.7113, 18.7666, 47.9687



15.2618, 14.1622, 12.6014



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.



27.5248, 17.4610, 5.2879



42.8305, 24.1046, 3.4970



35.4730, 33.3574, 7.9373



11.3190, 11.4270, 11.6885



15.9219, 8.5767, 0.8163



0.8584, 0.5165, 0.0545

Inverse Universe

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



29.5949, 39.7631, 62.6147



46.2061, 62.8193, 104.2978



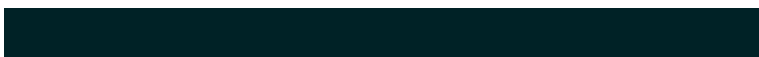
17.8777, 16.3288, 58.7089



11.4239, 12.4882, 14.3787



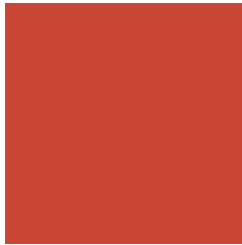
17.1160, 23.2560, 39.5430



0.9162, 1.2662, 2.0510

Previews

White Background



This preview shows how the XYZ color 27.5244, 17.4600, 5.2876 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



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 27.5244, 17.4600, 5.2876

Background



This preview shows how black text looks on a background with the XYZ color 27.5244, 17.4600, 5.2876.

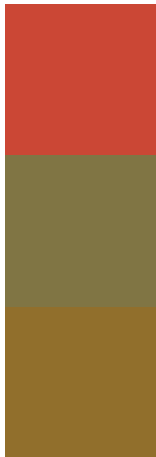


This preview shows how white text looks on a background with the XYZ color 27.5244, 17.4600,

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

27.5244, 17.4600, 5.2876

Protanopia

16.3068, 17.7291, 8.0314

Deuteranopia

17.8161, 17.5705, 4.8353



Tritanopia

28.1387, 17.4395, 8.0140

Trichromacy



Original Color

27.5244, 17.4600, 5.2876

Protanomaly

18.9719, 16.4418, 6.8763

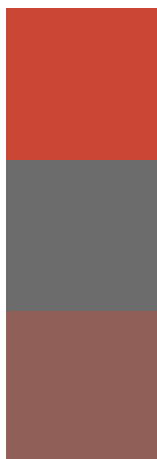
Deuteranomaly

20.4218, 16.6780, 4.8321

Tritanomaly

27.9841, 17.4753, 6.8992

Monochromacy



Original Color

27.5244, 17.4600, 5.2876

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

17.1814, 14.7286, 11.1699

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5244, 17.4600, 5.2876 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, 71, 53)` looks like.

```
.text, #text, p{  
    color:rgb(203, 71, 53)  
}
```

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, 71, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 71, 53) }
```

Border

The CSS property to change the border of an element to XYZ 27.5244, 17.4600, 5.2876 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, 71, 53) }
```


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

```
.border{ border-color:rgb(203, 71, 53) }
```

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

Here you see how a box with a 4 pixel rgb(203, 71, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 71, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 71, 53);  
box-shadow:4px 4px 4px 4px rgb(203, 71,  
53) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5244, 17.4600, 5.2876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 71, 53) }
```

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

```
.background{ background-color: rgb(203, 71,  
53) }
```

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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