

Converting Colors

XYZ(27.3140, 17.4871, 7.6015)

Have a look what the booklet for
XYZ(27.3140, 17.4871, 7.6015)
contains.

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Color

**XYZ(27.2761, 17.4741,
7.5655)**

Conversions

Conversions Part 1

Format	Color
Hex	C84945
RGB	200, 73, 69
RGB Percent	78%, 29%, 27%
CMY	0.2157, 0.7137, 0.7294
CMYK	0.00, 0.63, 0.65, 0.22
HSL	2°, 54%, 53%
HSV	2°, 65%, 78%
XYZ	27.2761, 17.4741, 7.5655
YIQ	110.5170, 76.9760, 25.6800

Conversions

Conversions Part 2

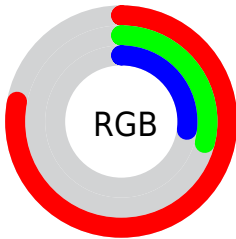
Format	Color
R_{YB}	200, 73, 69
Decimal	13125957
CIE Lab	48.85, 50.27, 29.59
CIE LCh	49, 58.330, 30.485
Yxy	17.4741, 0.5214, 0.3340
Android (android.graphics.Color)	4291316037 (0xFFC84945)
YUV	110.5170, -20.4679, 78.4766
Hunter-Lab	41.8020, 43.3189, 18.5309

Details

The XYZ color **27.2761, 17.4741, 7.5655** 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 **32.6177, 44.9117, 61.5928**, and the grayscale version is **15.0121, 15.7939, 17.1996**.

A 20% lighter version of the original color is **52.0403, 37.7231, 21.3681**, and **10.9098, 5.7328, 1.4512** is the 20% darker color. If you saturate the color by 10%, you get **25.6752, 15.1041, 4.4680**, and if you desaturate by 10%, it is **29.4840, 20.7237, 11.8975**.

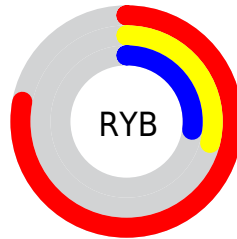
Distribution



Red (78%)

Green (29%)

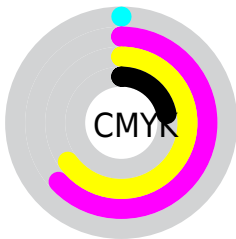
Blue (27%)



Red (78%)

Yellow (29%)

Blue (27%)

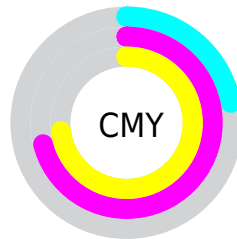


Cyan (0%)

Magenta (63%)

Yellow (65%)

Black (22%)



Cyan (22%)


Magenta (71%)


Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.2761, 17.4741, 7.5655 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 27.2761, 17.4741, 7.5655 by changing the saturation by 10% instead.


 27.2761, 17.4741,
7.5655


 27.2761, 17.4741,
7.5655


281.1347,
237.8899, 182.0886


 17.9184, 10.5731,
3.7344


 54.7434, 39.1391,
21.6341


 10.9907, 5.7806,
1.4808


 73.5836, 54.6720,
32.7087

 6.1278, 2.7121,
0.2036


 96.3154, 73.8508,
47.0349

 2.9644, 0.9833,
0.0000

 123.3040, 97.0602,
65.0312

 1.1349, 0.0000,
0.0000

 154.9149,
124.6843, 87.1162

 0.0541, 0.0000,
0.0000

191.5134,

 0.0000, 0.0000,

157.1077, 113.7084

0.0000

233.4649,
194.7148, 145.2263

■ 27.2761, 17.4741,
7.5655

■ 27.2761, 17.4741,
7.5655

■ 25.6752, 15.1041,
4.4680

■ 29.4840, 20.7237,
11.8975

■ 24.6197, 13.5253,
2.4755

■ 32.3500, 24.9242,
17.5741

■ 24.0372, 12.6362,
1.4306

■ 35.9212, 30.1432,
24.6941

■ 23.8856, 12.4121,
1.1369

■ 40.2401, 36.4413,
33.3471

■ 45.3459, 43.8741,
43.6150

■ 51.2748, 52.4938,
55.5743

■ 58.0610, 62.3489,
69.2963

■ 65.7367, 73.4856,
84.8485

■ 74.3325, 85.9475,
102.2946

Harmonies

Analogous

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



29.3255, 17.4741, 18.7754



27.2761, 17.4741, 7.5655



22.2753, 17.4741, 3.0974

Triad

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



27.2761, 17.4741, 7.5655



9.1043, 17.4741, 7.8041



16.6968, 17.4741, 67.0346

Complementary

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



27.2761, 17.4741, 7.5655



32.6177, 44.9117, 61.5928

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.



11.9950, 17.4741, 58.4819



27.2761, 17.4741, 7.5655



8.2304, 17.4741, 19.2795

Square

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



27.2761, 17.4741, 7.5655



11.8727, 17.4741, 3.1732



9.1634, 17.4741, 38.4827



22.4612, 17.4741, 57.9506

Rectangle

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



27.2761, 17.4741, 7.5655



18.3873, 17.4741, 2.1774



9.1634, 17.4741, 38.4827



14.9485, 17.4741, 66.0931

Sweetspot

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



27.2765, 17.4751, 7.5658



74.1046, 69.5507, 66.6456



36.1192, 20.6044, 55.3882



15.3324, 14.1164, 13.2015



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.



27.2765, 17.4751, 7.5658



43.4961, 24.7238, 5.9145



33.7942, 30.5104, 9.7383



10.6594, 10.6880, 11.0639



15.1994, 7.9160, 0.7268



0.7290, 0.3934, 0.0375

Inverse Universe

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



32.6177, 44.9117, 61.5928



53.3729, 75.6431, 106.3953



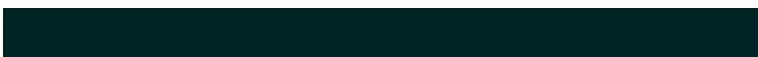
21.1739, 22.0239, 57.7782



10.9178, 12.0097, 13.6602



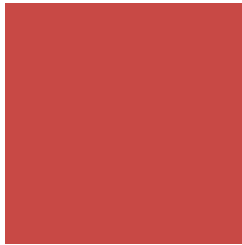
18.8912, 27.1762, 38.9942



0.9034, 1.3047, 1.8494

Previews

White Background



This preview shows how the XYZ color 27.2761, 17.4741, 7.5655 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 27.2761, 17.4741, 7.5655

Background



This preview shows how black text looks on a background with the XYZ color 27.2761, 17.4741, 7.5655.



This preview shows how white text looks on a background with the XYZ color 27.2761, 17.4741,

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

27.2761, 17.4741, 7.5655

Protanopia

16.4985, 17.7544, 11.3615

Deuteranopia

17.8816, 17.5563, 7.0037



Tritanopia

27.4413, 17.4359, 8.7566

Trichromacy



Original Color

27.2761, 17.4741, 7.5655

Protanomaly

19.0505, 16.5619, 9.7821

Deuteranomaly

20.5387, 16.8236, 7.1658

Tritanomaly

27.3394, 17.3951, 8.2200

Monochromacy



Original Color

27.2761, 17.4741, 7.5655

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

17.7137, 15.2336, 13.0731

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2761, 17.4741, 7.5655 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(200, 73, 69)` looks like.

```
.text, #text, p{  
    color:rgb(200, 73, 69)  
}
```

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(200, 73, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 73, 69) }
```

Border

The CSS property to change the border of an element to XYZ 27.2761, 17.4741, 7.5655 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(200, 73, 69) }
```


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

```
.border{ border-color:rgb(200, 73, 69) }
```

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

Here you see how a box with a 4 pixel rgb(200, 73, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 73, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 73, 69);  
box-shadow:4px 4px 4px 4px rgb(200, 73,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2761, 17.4741, 7.5655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 73, 69) }
```

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

```
.background{ background-color: rgb(200, 73,  
69) }
```

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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