

Converting Colors

XYZ(41.1664, 28.6822, 17.2064)

Have a look what the booklet for
XYZ(41.1664, 28.6822, 17.2064)
contains.

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Color

**XYZ(41.1902, 28.7327,
17.2849)**

Conversions

Conversions Part 1

Format	Color
Hex	E86B6B
RGB	232, 107, 107
RGB Percent	91%, 42%, 42%
CMY	0.0902, 0.5804, 0.5804
CMYK	0.00, 0.54, 0.54, 0.09
HSL	0°, 73%, 66%
HSV	0°, 54%, 91%
XYZ	41.1902, 28.7327, 17.2849
YIQ	144.3750, 74.5000, 26.5000

Conversions

Conversions Part 2

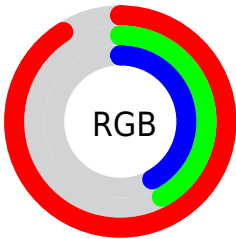
Format	Color
R_{YB}	232, 107, 107
Decimal	15231851
CIE _{Lab}	60.54, 48.44, 23.68
CIE _{LCh}	61, 53.918, 26.054
Yxy	28.7327, 0.4723, 0.3295
Android (android.graphics.Color)	4293421931 (0xFFE86B6B)
YUV	144.3750, -18.4259, 76.8471
Hunter-Lab	53.6029, 43.3601, 18.4032

Details

The XYZ color **41.1902, 28.7327, 17.2849** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **49.4835, 66.6611, 86.6024**, and the grayscale version is **26.7124, 28.1036, 30.6048**.

A 20% lighter version of the original color is **60.3319, 49.5693, 38.7357**, and **18.8833, 11.5304, 5.5053** is the 20% darker color. If you saturate the color by 10%, you get **38.0265, 24.1037, 10.9949**, and if you desaturate by 10%, it is **45.3314, 34.7930, 25.5163**.

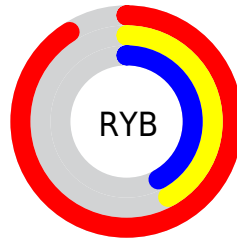
Distribution



Red (91%)

Green (42%)

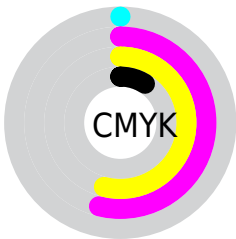
Blue (42%)



Red (91%)

Yellow (42%)

Blue (42%)

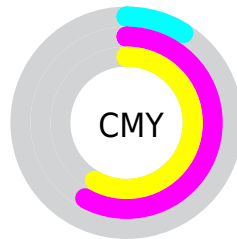


Cyan (0%)

Magenta (54%)

Yellow (54%)

Black (9%)



Cyan (9%)


Magenta (58%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.1902, 28.7327, 17.2849 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 41.1902, 28.7327, 17.2849 by changing the saturation by 10% instead.


 41.1902, 28.7327,
17.2849


 41.1902, 28.7327,
17.2849


342.1639,
295.9517, 248.9082


 28.6561, 18.8787,
10.2737


 76.2454, 57.6521,
39.6123


 18.9638, 11.5827,
5.4729


 99.4972, 77.4863,
55.7656

 11.7479, 6.4602,
2.4637


 127.0523,
101.4161, 75.8034

 6.6433, 3.1269,
0.8208

 159.2760,
129.8258, 100.1442

 3.2844, 1.1983,
0.0000

196.5336,
163.0998, 129.2065

 1.3059, 0.0603,
0.0000

239.1906,

 0.1876, 0.0000,

201.6225, 163.4089

0.0000

287.6122,
245.7783, 203.1700

■ 0.0000, 0.0000,
0.0000

■ 41.1902, 28.7327,
17.2849

■ 41.1902, 28.7327,
17.2849

■ 38.0265, 24.1037,
10.9949

■ 45.3314, 34.7930,
25.5163

■ 35.7581, 20.7844,
6.4858

■ 50.5191, 42.3841,
35.8291

■ 34.2932, 18.6407,
3.5740

■ 56.8186, 51.6021,
48.3521

■ 33.5191, 17.5078,
2.0353

■ 64.2891, 62.5336,
63.2033

■ 33.2787, 17.1560,
1.5575

■ 72.9858, 75.2594,
80.4922

■ 82.9604, 89.8550,
100.3215

■ 87.0885, 95.8957,
108.5274

Harmonies

Analogous

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



42.9626, 28.7327, 33.9989



41.1902, 28.7327, 17.2849



35.4891, 28.7327, 9.0386

Triad

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



41.1902, 28.7327, 17.2849



17.6404, 28.7327, 14.3863



26.3984, 28.7327, 87.2484

Complementary

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



41.1902, 28.7327, 17.2849



49.4835, 66.6611, 86.6024

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.



20.4946, 28.7327, 75.0928



41.1902, 28.7327, 17.2849



16.0118, 28.7327, 28.7195

Square

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



41.1902, 28.7327, 17.2849



21.8410, 28.7327, 7.9337



16.9608, 28.7327, 51.3292



33.6223, 28.7327, 79.9237

Rectangle

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



41.1902, 28.7327, 17.2849



30.6652, 28.7327, 6.8763



16.9608, 28.7327, 51.3292



24.2081, 28.7327, 85.2052

Sweetspot

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



41.1909, 28.7342, 17.2854



77.5009, 74.3208, 74.0129



53.1017, 33.4974, 80.0104



16.1668, 15.2909, 15.0038



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.



41.1909, 28.7342, 17.2854



46.6477, 29.1734, 12.6788



50.2136, 46.7797, 20.2930



14.3771, 14.3681, 14.9200



18.4751, 9.5244, 0.8647



1.3653, 0.7039, 0.0639

Inverse Universe

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



49.4835, 66.6611, 86.6024



57.9510, 80.8705, 107.1630



34.9101, 37.5144, 81.7446



14.8075, 16.3363, 18.5171



24.1043, 35.2707, 47.9207



1.7812, 2.6064, 3.5412

Previews

White Background



This preview shows how the XYZ color 41.1902, 28.7327, 17.2849 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 41.1902, 28.7327, 17.2849 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 41.1902, 28.7327, 17.2849

Background



This preview shows how black text looks on a background with the XYZ color 41.1902, 28.7327, 17.2849.



This preview shows how white text looks on a background with the XYZ color 41.1902, 28.7327,

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

41.1902, 28.7327, 17.2849

Protanopia

27.3070, 28.9085, 23.5427

Deuteranopia

29.4062, 28.8097, 16.3229



Tritanopia

41.4134, 28.6561, 18.9712

Trichromacy



Original Color

41.1902, 28.7327, 17.2849

Protanomaly

30.8127, 27.7556, 20.8729

Deuteranomaly

32.9323, 28.1534, 16.5304

Tritanomaly

41.3020, 28.6116, 18.3847

Monochromacy



Original Color

41.1902, 28.7327, 17.2849

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

30.1175, 27.1014, 25.1165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1902, 28.7327, 17.2849 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(232, 107, 107)` looks like.

```
.text, #text, p{  
    color:rgb(232, 107, 107)  
}
```

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(232, 107, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 107, 107) }
```

Border

The CSS property to change the border of an element to XYZ 41.1902, 28.7327, 17.2849 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(232, 107, 107) }
```


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

```
.border{ border-color:rgb(232, 107, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 107, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 107, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 107, 107);  
box-shadow:4px 4px 4px 4px rgb(232, 107,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1902, 28.7327, 17.2849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 107, 107) }
```

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

```
.background{ background-color: rgb(232,  
107, 107) }
```

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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