

Converting Colors

XYZ(25.8773, 17.1083, 9.7229)

Have a look what the booklet for
XYZ(25.8773, 17.1083, 9.7229)
contains.

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Color

**XYZ(25.8773, 17.1083,
9.7229)**

Conversions

Conversions Part 1

Format	Color
Hex	C04D51
RGB	192, 77, 81
RGB Percent	75%, 30%, 32%
CMY	0.2471, 0.6980, 0.6824
CMYK	0.00, 0.60, 0.58, 0.25
HSL	358°, 48%, 53%
HSV	358°, 60%, 75%
XYZ	25.8773, 17.1083, 9.7229
YIQ	111.8410, 67.2560, 25.6240

Conversions

Conversions Part 2

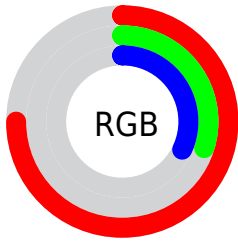
Format	Color
RYB	192, 77, 81
Decimal	12602705
CIELab	48.40, 46.49, 21.63
CIELCh	48, 51.281, 24.953
Yxy	17.1083, 0.4910, 0.3246
Android (android.graphics.Color)	4290792785 (0xFFC04D51)
YUV	111.8410, -15.2046, 70.2994
Hunter-Lab	41.3622, 39.2906, 15.0164

Details

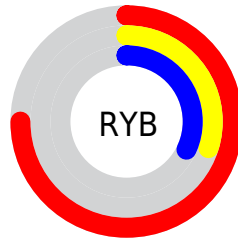
The XYZ color **25.8773, 17.1083, 9.7229** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **30.9884, 42.9083, 54.2293**, and the grayscale version is **15.3845, 16.1857, 17.6262**.

A 20% lighter version of the original color is **52.5199, 38.4596, 25.7744**, and **10.2570, 5.6204, 2.2945** is the 20% darker color. If you saturate the color by 10%, you get **24.1239, 14.5661, 6.1650**, and if you desaturate by 10%, it is **28.2176, 20.5211, 14.4123**.

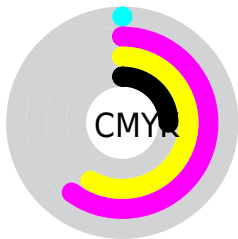
Distribution



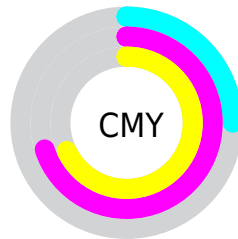
- Red (75%)
- Green (30%)
- Blue (32%)



- Red (75%)
- Yellow (30%)
- Blue (32%)



- Cyan (0%)
- Magenta (60%)
- Yellow (58%)
- Black (25%)





- Cyan (25%)
- Magenta (70%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.8773, 17.1083, 9.7229 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 25.8773, 17.1083, 9.7229 by changing the saturation by 10% instead.


 25.8773, 17.1083,
9.7229


 25.8773, 17.1083,
9.7229


274.4470,
235.7957, 199.0952

 16.8641, 10.3117,
5.1124


 52.5096, 38.5119,
25.8726


 10.2323, 5.6061,
2.2535


 70.8595, 53.8877,
38.2489

 5.6167, 2.6071,
0.7050

 93.0522, 72.8921,
54.0509

 2.6519, 0.9302,
0.0000

 119.4532, 95.9093,
73.6971

 0.9725, 0.0000,
0.0000

 150.4278,
123.3240, 97.6061

 0.0000, 0.0000,
0.0000

186.3414,

155.5203, 126.1965

227.5594,
192.8827, 159.8866

■ 25.8773, 17.1083,
9.7229

■ 25.8773, 17.1083,
9.7229

■ 24.1239, 14.5661,
6.1650

■ 28.2176, 20.5211,
14.4123

■ 22.9042, 12.8131,
3.6424

■ 31.1894, 24.8705,
20.3170

■ 22.1578, 11.7580,
2.0442

■ 34.8341, 30.2196,
27.5138

■ 21.7780, 11.2260,
1.2162

■ 39.1895, 36.6250,
36.0729

■ 21.7747, 11.2210,
1.2097

■ 44.2905, 44.1392,
46.0595

■ 50.1698, 52.8112,
57.5346

■ 56.8580, 62.6871,
70.5556

■ 64.3841, 73.8103,
85.1770

■ 72.7758, 86.2224,
101.4505

Harmonies

Analogous

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



26.9920, 17.1083, 20.9923



25.8773, 17.1083, 9.7229



22.0048, 17.1083, 4.4800

Triad

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



25.8773, 17.1083, 9.7229



9.9423, 17.1083, 7.3896



15.4809, 17.1083, 57.9824

Complementary

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



25.8773, 17.1083, 9.7229



30.9884, 42.9083, 54.2293

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.



11.6151, 17.1083, 48.7564



25.8773, 17.1083, 9.7229



8.8342, 17.1083, 16.4483

Square

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



25.8773, 17.1083, 9.7229



12.7474, 17.1083, 3.6580



9.3820, 17.1083, 31.7767



20.3671, 17.1083, 53.1974

Rectangle

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



25.8773, 17.1083, 9.7229



18.7147, 17.1083, 3.1668



9.3820, 17.1083, 31.7767



14.0316, 17.1083, 56.3252

Sweetspot

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



25.8777, 17.1092, 9.7232



72.3992, 68.4086, 68.0871



32.4792, 19.5849, 51.9374



14.9919, 13.8808, 13.5475



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.8777, 17.1092, 9.7232



42.8891, 25.2072, 9.4827



30.8958, 27.3780, 10.6786



10.0871, 10.0834, 10.5490



14.6581, 7.5530, 0.8455



0.6383, 0.3283, 0.0628

Inverse Universe

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



25.8777, 17.1092, 9.7232



42.8891, 25.2072, 9.4827



21.9906, 24.2140, 53.3837



10.0871, 10.0834, 10.5490



14.6581, 7.5530, 0.8455



0.6383, 0.3283, 0.0628

Previews

White Background



This preview shows how the XYZ color 25.8773, 17.1083, 9.7229 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 25.8773, 17.1083, 9.7229 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 25.8773, 17.1083, 9.7229

Background



This preview shows how black text looks on a background with the XYZ color 25.8773, 17.1083, 9.7229.



This preview shows how white text looks on a background with the XYZ color 25.8773, 17.1083,

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

25.8773, 17.1083, 9.7229

Protanopia

16.3614, 17.2809, 14.0285

Deuteranopia

17.4934, 17.1488, 9.0447



Tritanopia

25.9151, 17.1234, 9.9219

Trichromacy



Original Color

25.8773, 17.1083, 9.7229

Protanomaly

18.6181, 16.2831, 12.2869

Deuteranomaly

19.8078, 16.5403, 9.1698

Tritanomaly

25.9151, 17.1234, 9.9219

Monochromacy



Original Color

25.8773, 17.1083, 9.7229

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

17.7953, 15.5260, 14.3708

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8773, 17.1083, 9.7229 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(192, 77, 81)` looks like.

```
.text, #text, p{  
    color:rgb(192, 77, 81)  
}
```

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(192, 77, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 77, 81) }
```

Border

The CSS property to change the border of an element to XYZ 25.8773, 17.1083, 9.7229 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(192, 77, 81) }
```


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

```
.border{ border-color:rgb(192, 77, 81) }
```

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

Here you see how a box with a 4 pixel rgb(192, 77, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 77, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 77, 81);  
box-shadow:4px 4px 4px 4px rgb(192, 77,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8773, 17.1083, 9.7229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 77, 81) }
```

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

```
.background{ background-color: rgb(192, 77,  
81) }
```

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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