

Converting Colors

XYZ(30.1827, 20.2421, 9.2315)

Have a look what the booklet for
XYZ(30.1827, 20.2421, 9.2315)
contains.

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Color

**XYZ(30.2851, 20.2842,
9.1565)**

Conversions

Conversions Part 1

Format	Color
Hex	CF554C
RGB	207, 85, 76
RGB Percent	81%, 33%, 30%
CMY	0.1882, 0.6666, 0.7020
CMYK	0.00, 0.59, 0.63, 0.19
HSL	4°, 58%, 55%
HSV	4°, 63%, 81%
XYZ	30.2851, 20.2842, 9.1565
YIQ	120.4520, 75.6010, 23.0650

Conversions

Conversions Part 2

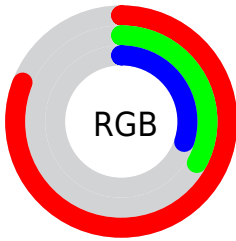
Format	Color
RYB	207, 86, 76
Decimal	13587788
CIELab	52.16, 47.73, 29.89
CIElCh	52, 56.314, 32.057
Yxy	20.2842, 0.5071, 0.3396
Android (android.graphics.Color)	4291777868 (0xFFCF554C)
YUV	120.4520, -21.9148, 75.9026
Hunter-Lab	45.0380, 41.2131, 19.4726

Details

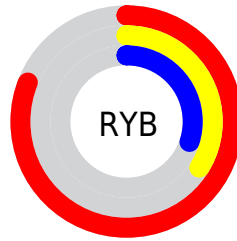
The XYZ color **30.2851, 20.2842, 9.1565** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **34.4353, 46.4262, 66.1773**, and the grayscale version is **18.0494, 18.9894, 20.6794**.

A 20% lighter version of the original color is **54.1743, 41.2059, 24.5003**, and **12.7193, 7.1807, 2.0120** is the 20% darker color. If you saturate the color by 10%, you get **28.3613, 17.4091, 5.5178**, and if you desaturate by 10%, it is **32.8547, 24.0808, 14.1526**.

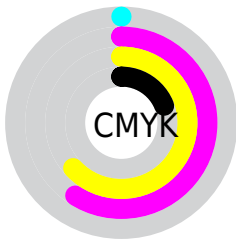
Distribution



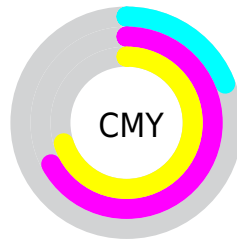
- Red (81%)
- Green (33%)
- Blue (30%)



- Red (81%)
- Yellow (34%)
- Blue (30%)



- Cyan (0%)
- Magenta (59%)
- Yellow (63%)
- Black (19%)





- Cyan (19%)
- Magenta (67%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.2851, 20.2842, 9.1565 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 30.2851, 20.2842, 9.1565 by changing the saturation by 10% instead.


 30.2851, 20.2842,
9.1565


 30.2851, 20.2842,
9.1565


295.1172,
253.4495, 194.8020


 20.2042, 12.6018,
4.7452

 59.4963, 43.8932,
24.7789


 12.6527, 7.1549,
2.0424


 79.3573, 60.5885,
36.8271

 7.2652, 3.5592,
0.5812


 103.2091, 81.0569,
52.2580

 3.6763, 1.4302,
0.0000

 131.4171,
105.6829, 71.4901

 1.5207, 0.2388,
0.0000

 164.3465,
134.8507, 94.9421

 0.3398, 0.0000,
0.0000

202.3627,

 0.0000, 0.0000,

168.9448, 123.0323

0.0000

245.8312,
208.3496, 156.1794

■ 30.2851, 20.2842,
9.1565

■ 30.2851, 20.2842,
9.1565

■ 28.3613, 17.4091,
5.5178

■ 32.8547, 24.0808,
14.1526

■ 27.0243, 15.3740,
3.1023

■ 36.1192, 28.8646,
20.6211

■ 26.2066, 14.0888,
1.7501

■ 40.1248, 34.6994,
28.6658

■ 25.8921, 13.5857,
1.2576

■ 44.9131, 41.6426,
38.3808

■ 50.5229, 49.7473,
49.8530

■ 56.9900, 59.0634,
63.1631

■ 64.3484, 69.6377,
78.3869

■ 72.6302, 81.5147,
95.5958

■ 79.5419, 92.0053,
108.1742

Harmonies

Analogous

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



32.6172, 20.2842, 20.9661



30.2851, 20.2842, 9.1565



24.9555, 20.2842, 4.2351

Triad

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



30.2851, 20.2842, 9.1565



11.0502, 20.2842, 10.2982



19.6801, 20.2842, 71.4398

Complementary

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



30.2851, 20.2842, 9.1565



34.4353, 46.4262, 66.1773

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.



14.5369, 20.2842, 63.6865



30.2851, 20.2842, 9.1565



10.1867, 20.2842, 23.2452

Square

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



30.2851, 20.2842, 9.1565



13.9735, 20.2842, 4.6255



11.3270, 20.2842, 43.5883



25.7829, 20.2842, 61.4059

Rectangle

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



30.2851, 20.2842, 9.1565



20.8526, 20.2842, 3.2029



11.3270, 20.2842, 43.5883



17.7876, 20.2842, 70.8200

Sweetspot

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



30.2856, 20.2853, 9.1568



75.4648, 71.7776, 68.6205



38.5402, 22.5238, 55.9034



15.6155, 14.5867, 13.5911



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.



30.2856, 20.2853, 9.1568



44.5717, 26.5670, 7.2219



37.9801, 35.6743, 11.7217



11.8731, 11.9369, 12.2903



16.3387, 8.6105, 0.8008



0.9369, 0.5282, 0.0526

Inverse Universe

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



34.4353, 46.4262, 66.1773



51.6423, 71.5295, 105.6925



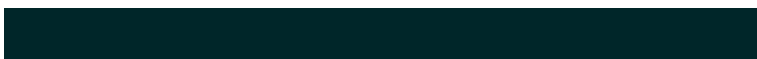
22.5986, 22.7528, 62.2317



12.0859, 13.2621, 15.1665



19.1069, 26.8605, 41.3700



1.0897, 1.5446, 2.3203

Previews

White Background



This preview shows how the XYZ color 30.2851, 20.2842, 9.1565 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 30.2851, 20.2842, 9.1565 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 30.2851, 20.2842, 9.1565

Background



This preview shows how black text looks on a background with the XYZ color 30.2851, 20.2842, 9.1565.



This preview shows how white text looks on a background with the XYZ color 30.2851, 20.2842,

9.1565.

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

30.2851, 20.2842, 9.1565

Protanopia

19.0969, 20.5083, 13.0772

Deuteranopia

20.8392, 20.4082, 8.6352



Tritanopia

30.8671, 20.3010, 11.5241

Trichromacy



Original Color

30.2851, 20.2842, 9.1565

Protanomaly

21.9536, 19.4008, 11.3918

Deuteranomaly

23.6610, 19.8675, 8.7186

Tritanomaly

30.7830, 20.3906, 10.7008

Monochromacy



Original Color

30.2851, 20.2842, 9.1565

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

20.7053, 18.1903, 15.5165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2851, 20.2842, 9.1565 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, 85, 76)` looks like.

```
.text, #text, p{  
    color:rgb(207, 85, 76)  
}
```

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, 85, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 85, 76) }
```

Border

The CSS property to change the border of an element to XYZ 30.2851, 20.2842, 9.1565 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, 85, 76) }
```


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

```
.border{ border-color:rgb(207, 85, 76) }
```

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

Here you see how a box with a 4 pixel rgb(207, 85, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 85, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 85, 76);  
box-shadow:4px 4px 4px 4px rgb(207, 85,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2851, 20.2842, 9.1565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 85, 76) }
```

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

```
.background{ background-color: rgb(207, 85,  
76) }
```

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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