

Converting Colors

XYZ(29.6039, 20.8903, 13.5857)

Have a look what the booklet for
XYZ(29.6039, 20.8903, 13.5857)
contains.

XYZ(29.5789, 20.8153, 13.5251)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(29.5789, 20.8153,
13.5251)**

Conversions

Conversions Part 1

Format	Color
Hex	C75D60
RGB	199, 93, 96
RGB Percent	78%, 36%, 38%
CMY	0.2196, 0.6353, 0.6235
CMYK	0.00, 0.53, 0.52, 0.22
HSL	358°, 49%, 57%
HSV	358°, 53%, 78%
XYZ	29.5789, 20.8153, 13.5251
YIQ	125.0360, 62.2130, 23.4050

Conversions

Conversions Part 2

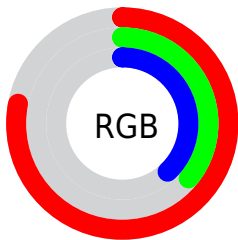
Format	Color
R_{YB}	199, 93, 96
Decimal	13065568
CIE _{Lab}	52.75, 42.51, 18.74
CIE _{LCh}	53, 46.457, 23.788
Yxy	20.8153, 0.4628, 0.3256
Android (android.graphics.Color)	4291255648 (0xFFC75D60)
YUV	125.0360, -14.3147, 64.8664
Hunter-Lab	45.6238, 35.8838, 14.3602

Details

The XYZ color **29.5789, 20.8153, 13.5251** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted rose. A complement of this color would be **34.9026, 47.1601, 59.4909**, and the grayscale version is **19.5377, 20.5552, 22.3846**.

A 20% lighter version of the original color is **56.7072, 43.8931, 32.6775**, and **12.1839, 7.3916, 3.8022** is the 20% darker color. If you saturate the color by 10%, you get **27.2704, 17.4522, 8.8903**, and if you desaturate by 10%, it is **32.5619, 25.1770, 19.4654**.

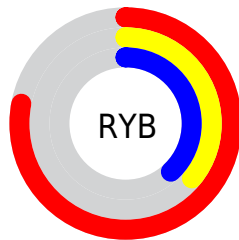
Distribution



Red (78%)

Green (36%)

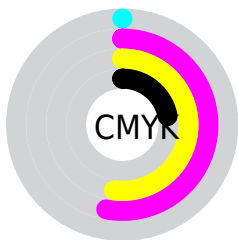
Blue (38%)



Red (78%)

Yellow (36%)

Blue (38%)

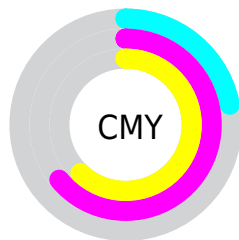


Cyan (0%)

Magenta (53%)

Yellow (52%)

Black (22%)



Cyan (22%)


Magenta (64%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.5789, 20.8153, 13.5251 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 29.5789, 20.8153, 13.5251 by changing the saturation by 10% instead.


 29.5789, 20.8153,
13.5251

 29.5789, 20.8153,
13.5251


291.8818,
256.2953, 225.5808

 19.6657, 12.9891,
7.6562


 58.3868, 44.7799,
32.9489


 12.2591, 7.4210,
3.7911


 78.0122, 61.6871,
47.3408

 6.9938, 3.7268,
1.5115

 101.6057, 82.3901,
65.4108

 3.5045, 1.5219,
0.2264

 129.5326,
107.2732, 87.5774

 1.4259, 0.3041,
0.0000

162.1583,
136.7209, 114.2592

 0.2745, 0.0000,
0.0000

199.8482,

 0.0000, 0.0000,

171.1175, 145.8747

0.0000

242.9676,
210.8475, 182.8424

■ 29.5789, 20.8153,
13.5251

■ 29.5789, 20.8153,
13.5251

■ 27.2704, 17.4522,
8.8903

■ 32.5619, 25.1770,
19.4654

■ 25.5824, 15.0058,
5.4616

■ 36.2646, 30.6043,
26.7982

■ 24.4552, 13.3868,
3.1276

■ 40.7303, 37.1620,
35.6042

■ 23.8169, 12.4863,
1.7553

■ 45.9982, 44.9091,
45.9578

■ 23.5840, 12.1544,
1.2645

■ 52.1051, 53.9004,
57.9282

■ 59.0854, 64.1872,
71.5806

■ 66.9714, 75.8179,
86.9764

■ 75.7941, 88.8387,
104.1741

■ 77.3632, 90.8821,
108.0723

Harmonies

Analogous

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



30.5515, 20.8153, 25.6722



29.5789, 20.8153, 13.5251



25.8065, 20.8153, 7.2455

Triad

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



29.5789, 20.8153, 13.5251



13.1862, 20.8153, 10.2846



18.7944, 20.8153, 60.8206

Complementary

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



29.5789, 20.8153, 13.5251



34.9026, 47.1601, 59.4909

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.



14.7805, 20.8153, 51.6821



29.5789, 20.8153, 13.5251



11.9006, 20.8153, 19.9011

Square

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



29.5789, 20.8153, 13.5251



16.2634, 20.8153, 5.9791



12.4327, 20.8153, 35.2021



23.7799, 20.8153, 56.8409

Rectangle

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



29.5789, 20.8153, 13.5251



22.4977, 20.8153, 5.4973



12.4327, 20.8153, 35.2021



17.2984, 20.8153, 59.0929

Sweetspot

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



29.5794, 20.8164, 13.5255



77.6484, 74.3789, 74.7919



36.8502, 23.6177, 56.6493



16.2013, 15.3045, 15.1861



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.



29.5794, 20.8164, 13.5255



47.1801, 29.7318, 14.4180



35.2723, 32.4187, 14.7557



10.6458, 10.6417, 11.1181



15.1705, 7.8178, 0.8418



0.7227, 0.3719, 0.0627

Inverse Universe

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



29.5794, 20.8164, 13.5255



47.1801, 29.7318, 14.4180



25.6561, 28.1159, 58.1075



10.6458, 10.6417, 11.1181



15.1705, 7.8178, 0.8418



0.7227, 0.3719, 0.0627

Previews

White Background



This preview shows how the XYZ color 29.5789, 20.8153, 13.5251 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 29.5789, 20.8153, 13.5251 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 29.5789, 20.8153, 13.5251

Background



This preview shows how black text looks on a background with the XYZ color 29.5789, 20.8153, 13.5251.



This preview shows how white text looks on a background with the XYZ color 29.5789, 20.8153,

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

29.5789, 20.8153, 13.5251

Protanopia

19.9012, 20.9971, 18.3332

Deuteranopia

21.3034, 20.9141, 12.8115



Tritanopia

29.7197, 20.8717, 14.2666

Trichromacy



Original Color

29.5789, 20.8153, 13.5251

Protanomaly

22.3291, 20.1432, 16.3468

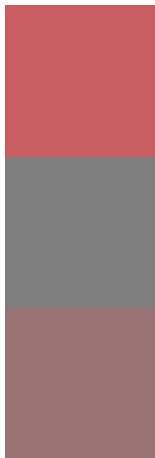
Deuteranomaly

23.8087, 20.4840, 13.0549

Tritanomaly

29.6721, 20.8527, 14.0163

Monochromacy



Original Color

29.5789, 20.8153, 13.5251

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

21.8913, 19.7006, 18.5684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5789, 20.8153, 13.5251 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(199, 93, 96)` looks like.

```
.text, #text, p{  
    color:rgb(199, 93, 96)  
}
```

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(199, 93, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 93, 96) }
```

Border

The CSS property to change the border of an element to XYZ 29.5789, 20.8153, 13.5251 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(199, 93, 96) }
```


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

```
.border{ border-color:rgb(199, 93, 96) }
```

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

Here you see how a box with a 4 pixel rgb(199, 93, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 93, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 93, 96);  
box-shadow:4px 4px 4px 4px rgb(199, 93,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5789, 20.8153, 13.5251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 93, 96) }
```

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

```
.background{ background-color: rgb(199, 93,  
96) }
```

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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