

Converting Colors

XYZ(29.2196, 20.1513, 11.6529)

Have a look what the booklet for
XYZ(29.2196, 20.1513, 11.6529)
contains.

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Color

**XYZ(29.1532, 20.1287,
11.5812)**

Conversions

Conversions Part 1

Format	Color
Hex	C85958
RGB	200, 89, 88
RGB Percent	78%, 35%, 35%
CMY	0.2157, 0.6510, 0.6549
CMYK	0.00, 0.55, 0.56, 0.22
HSL	1°, 50%, 56%
HSV	1°, 56%, 78%
XYZ	29.1532, 20.1287, 11.5812
YIQ	122.0750, 66.4770, 23.2210

Conversions

Conversions Part 2

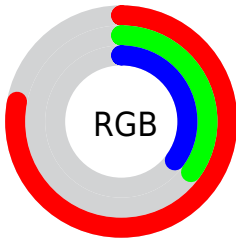
Format	Color
R_{YB}	200, 89, 88
Decimal	13130072
CIE _{Lab}	51.98, 44.17, 22.45
CIE _{LCh}	52, 49.549, 26.942
Yxy	20.1287, 0.4790, 0.3307
Android (android.graphics.Color)	4291320152 (0xFFC85958)
YUV	122.0750, -16.7990, 68.3402
Hunter-Lab	44.8650, 37.4752, 16.1007

Details

The XYZ color **29.1532, 20.1287, 11.5812** 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 **34.8717, 47.0885, 61.8943**, and the grayscale version is **18.5618, 19.5285, 21.2665**.

A 20% lighter version of the original color is **55.5004, 42.4410, 29.3115**, and **12.0514, 7.0989, 3.0205** is the 20% darker color. If you saturate the color by 10%, you get **27.0023, 16.9759, 7.3225**, and if you desaturate by 10%, it is **31.9763, 24.2625, 17.1853**.

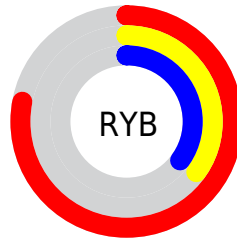
Distribution



Red (78%)

Green (35%)

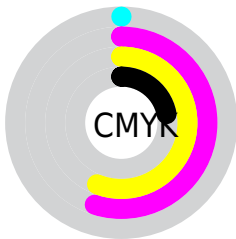
Blue (35%)



Red (78%)

Yellow (35%)

Blue (35%)

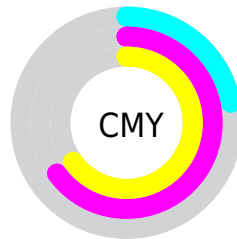


Cyan (0%)

Magenta (55%)

Yellow (56%)

Black (22%)



Cyan (22%)


Magenta (65%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.1532, 20.1287, 11.5812 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 29.1532, 20.1287, 11.5812 by changing the saturation by 10% instead.


 29.1532, 20.1287,
11.5812


 29.1532, 20.1287,
11.5812


289.9183,
252.6110, 212.4912


 19.3416, 12.4886,
6.3401


 57.7163, 43.6329,
29.3829


 12.0228, 7.0774,
2.9809


 77.1985, 60.2657,
42.7806


 6.8315, 3.5105,
1.0849


 100.6349, 80.6650,
59.7343

 3.4024, 1.4037,
0.0000

 128.3910,
105.2150, 80.6625

 1.3699, 0.2195,
0.0000

 160.8320,
134.3003, 105.9838

 0.2347, 0.0000,
0.0000

198.3233,

 0.0000, 0.0000,

168.3051, 136.1166

0.0000

241.2303,
207.6139, 171.4796

■ 29.1532, 20.1287,
11.5812

■ 29.1532, 20.1287,
11.5812

■ 27.0023, 16.9759,
7.3225

■ 31.9763, 24.2625,
17.1853

■ 25.4665, 14.7201,
4.2954

■ 35.5195, 29.4456,
24.2338

■ 24.4817, 13.2689,
2.3695

■ 39.8280, 35.7443,
32.8174

■ 23.9687, 12.5079,
1.3807

■ 44.9430, 43.2182,
43.0192

■ 23.8388, 12.3183,
1.1212

■ 50.9027, 51.9228,
54.9164

■ 57.7429, 61.9102,
68.5812

■ 65.4972, 73.2294,
84.0816

■ 74.1976, 85.9267,
101.4820

■ 77.6292, 91.0193,
108.0847

Harmonies

Analogous

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



30.5516, 20.1287, 23.4330



29.1532, 20.1287, 11.5812



24.9290, 20.1287, 5.9001

Triad

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



29.1532, 20.1287, 11.5812



12.0959, 20.1287, 9.9826



18.6187, 20.1287, 63.0370

Complementary

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



29.1532, 20.1287, 11.5812



34.8717, 47.0885, 61.8943

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.



14.3110, 20.1287, 54.4406



29.1532, 20.1287, 11.5812



10.9847, 20.1287, 20.4674

Square

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



29.1532, 20.1287, 11.5812



15.0627, 20.1287, 5.3034



11.7186, 20.1287, 37.0766



23.8746, 20.1287, 57.2054

Rectangle

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



29.1532, 20.1287, 11.5812



21.4092, 20.1287, 4.4601



11.7186, 20.1287, 37.0766



17.0217, 20.1287, 61.6735

Sweetspot

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



29.1537, 20.1298, 11.5816



76.6329, 73.1025, 72.1273



37.7343, 23.4289, 57.1766



15.9992, 15.0577, 14.6335



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.



29.1537, 20.1298, 11.5816



46.1488, 28.5078, 11.4886



35.5540, 32.9304, 13.7150



10.6414, 10.6519, 11.0579



15.1612, 7.8395, 0.7141



0.7206, 0.3767, 0.0347

Inverse Universe

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



34.8717, 47.0885, 61.8943



56.9919, 79.6563, 106.9792



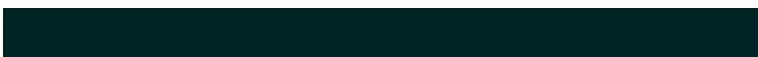
24.4231, 26.1914, 58.4114



10.9383, 12.0506, 13.6670



19.5023, 28.3985, 39.1979



0.9261, 1.3501, 1.8569

Previews

White Background



This preview shows how the XYZ color 29.1532, 20.1287, 11.5812 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 29.1532, 20.1287, 11.5812 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 29.1532, 20.1287, 11.5812

Background



This preview shows how black text looks on a background with the XYZ color 29.1532, 20.1287, 11.5812.



This preview shows how white text looks on a background with the XYZ color 29.1532, 20.1287,

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

29.1532, 20.1287, 11.5812

Protanopia

19.0664, 20.2401, 15.9985

Deuteranopia

20.5526, 20.2077, 11.0009



Tritanopia

29.3295, 20.0670, 12.9171

Trichromacy



Original Color

29.1532, 20.1287, 11.5812

Protanomaly

21.5993, 19.3186, 14.1457

Deuteranomaly

23.1507, 19.7058, 11.1778

Tritanomaly

29.2409, 20.0315, 12.4505

Monochromacy



Original Color

29.1532, 20.1287, 11.5812

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

20.9681, 18.7617, 17.2681

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1532, 20.1287, 11.5812 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, 89, 88)` looks like.

```
.text, #text, p{  
    color:rgb(200, 89, 88)  
}
```

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, 89, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 89, 88) }
```

Border

The CSS property to change the border of an element to XYZ 29.1532, 20.1287, 11.5812 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, 89, 88) }
```


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

```
.border{ border-color:rgb(200, 89, 88) }
```

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

Here you see how a box with a 4 pixel rgb(200, 89, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 89, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 89, 88);  
box-shadow:4px 4px 4px 4px rgb(200, 89,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1532, 20.1287, 11.5812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 89, 88) }
```

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

```
.background{ background-color: rgb(200, 89,  
88) }
```

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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