

Converting Colors

XYZ(28.7373, 20.4894, 11.3749)

Have a look what the booklet for
XYZ(28.7373, 20.4894, 11.3749)
contains.

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Color

**XYZ(28.6606, 20.3871,
11.4414)**

Conversions

Conversions Part 1

Format	Color
Hex	C55D57
RGB	197, 93, 87
RGB Percent	77%, 36%, 34%
CMY	0.2275, 0.6353, 0.6588
CMYK	0.00, 0.53, 0.56, 0.23
HSL	3°, 49%, 56%
HSV	3°, 56%, 77%
XYZ	28.6606, 20.3871, 11.4414
YIQ	123.4120, 63.9100, 20.1820

Conversions

Conversions Part 2

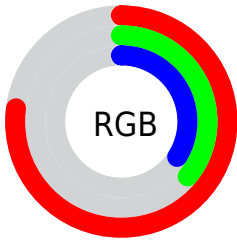
Format	Color
RYB	197, 93, 87
Decimal	12934487
CIELab	52.27, 41.01, 23.33
CIELCh	52, 47.185, 29.636
Yxy	20.3871, 0.4738, 0.3370
Android (android.graphics.Color)	4291124567 (0xFFC55D57)
YUV	123.4120, -17.9511, 64.5367
Hunter-Lab	45.1521, 34.2880, 16.5825

Details

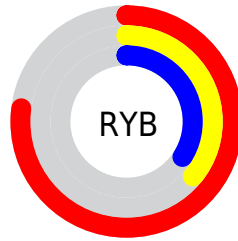
The XYZ color **28.6606, 20.3871, 11.4414** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **32.6382, 43.3167, 59.4639**, and the grayscale version is **19.0063, 19.9961, 21.7757**.

A 20% lighter version of the original color is **56.0342, 43.6239, 29.1338**, and **11.6921, 7.1563, 2.9556** is the 20% darker color. If you saturate the color by 10%, you get **26.5224, 17.2278, 7.2851**, and if you desaturate by 10%, it is **31.4175, 24.4325, 16.8877**.

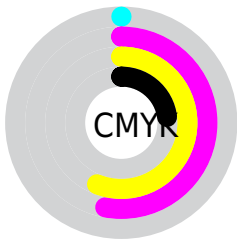
Distribution



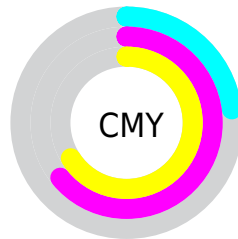
- Red (77%)
- Green (36%)
- Blue (34%)



- Red (77%)
- Yellow (36%)
- Blue (34%)



- Cyan (0%)
- Magenta (53%)
- Yellow (56%)
- Black (23%)





- Cyan (23%)
- Magenta (64%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.6606, 20.3871, 11.4414 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 28.6606, 20.3871, 11.4414 by changing the saturation by 10% instead.


 28.6606, 20.3871,
11.4414


 28.6606, 20.3871,
11.4414


287.6334,
254.0031, 211.5163


 18.9672, 12.6767,
6.2467


 56.9387, 44.0652,
29.1226

 11.7505, 7.2063,
2.9244


 76.2541, 60.8018,
42.4461


 6.6450, 3.5915,
1.0562


 99.5076, 81.3159,
59.3163

 3.2854, 1.4478,
0.0000

 127.0645,
105.9919, 80.1517

 1.3064, 0.2515,
0.0000

 159.2902,
135.2142, 105.3708

 0.1880, 0.0000,
0.0000

196.5500,

 0.0000, 0.0000,

169.3673, 135.3923

0.0000

239.2093,
208.8354, 170.6346

■ 28.6606, 20.3871,
11.4414

■ 28.6606, 20.3871,
11.4414

■ 26.5224, 17.2278,
7.2851

■ 31.4175, 24.4325,
16.8877

■ 24.9536, 14.8853,
4.3113

■ 34.8343, 29.4202,
23.7173

■ 23.9000, 13.2850,
2.3970

■ 38.9504, 35.4056,
32.0164

■ 23.2954, 12.3375,
1.3891

■ 43.8018, 42.4387,
41.8636

■ 23.1427, 12.1040,
1.1166

■ 49.4218, 50.5663,
53.3321

■ 55.8419, 59.8324,
66.4904

■ 63.0916, 70.2785,
81.4031

■ 71.1991, 81.9440,
98.1312

■ 76.8359, 90.6103,
108.0476

Harmonies

Analogous

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



30.2726, 20.3871, 22.3680



28.6606, 20.3871, 11.4414



24.4812, 20.3871, 6.2130

Triad

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



28.6606, 20.3871, 11.4414



12.3962, 20.3871, 11.2538



19.3182, 20.3871, 61.0226

Complementary

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



28.6606, 20.3871, 11.4414



32.6382, 43.3167, 59.4639

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.



15.0372, 20.3871, 54.1164



28.6606, 20.3871, 11.4414



11.4711, 20.3871, 22.0291

Square

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



28.6606, 20.3871, 11.4414



15.1239, 20.3871, 6.1408



12.3523, 20.3871, 38.1880



24.3616, 20.3871, 54.4239

Rectangle

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



28.6606, 20.3871, 11.4414



21.1030, 20.3871, 4.9323



12.3523, 20.3871, 38.1880



17.7484, 20.3871, 60.1729

Sweetspot

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



28.6611, 20.3882, 11.4418



77.1303, 74.0974, 72.2931



35.8932, 22.4705, 52.0245



16.1147, 15.2885, 14.6720



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.



28.6611, 20.3882, 11.4418



46.8025, 29.8152, 11.7065



35.2579, 33.5818, 13.6407



10.6796, 10.7283, 11.0706



15.2419, 8.0011, 0.7410



0.7383, 0.4120, 0.0406

Inverse Universe

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



32.6382, 43.3167, 59.4639



54.5759, 74.8244, 106.1738



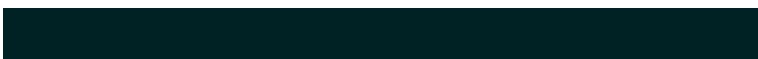
22.8834, 23.8071, 56.2123



10.8952, 11.9645, 13.6526



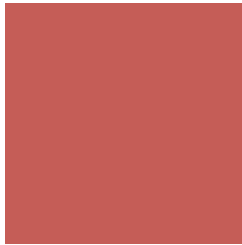
18.2324, 25.8587, 38.7746



0.8788, 1.2554, 1.8411

Previews

White Background



This preview shows how the XYZ color 28.6606, 20.3871, 11.4414 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 28.6606, 20.3871, 11.4414 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 28.6606, 20.3871, 11.4414

Background



This preview shows how black text looks on a background with the XYZ color 28.6606, 20.3871, 11.4414.



This preview shows how white text looks on a background with the XYZ color 28.6606, 20.3871,

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

28.6606, 20.3871, 11.4414

Protanopia

19.3554, 20.5934, 15.2667

Deuteranopia

20.8171, 20.5262, 10.8474



Tritanopia

29.2344, 20.3698, 13.9462

Trichromacy



Original Color

28.6606, 20.3871, 11.4414

Protanomaly

21.7267, 19.7227, 13.7281

Deuteranomaly

23.1125, 20.0074, 11.0312

Tritanomaly

29.1362, 20.4682, 13.0048

Monochromacy



Original Color

28.6606, 20.3871, 11.4414

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

21.1863, 19.1982, 17.3408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6606, 20.3871, 11.4414 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(197, 93, 87)` looks like.

```
.text, #text, p{  
    color:rgb(197, 93, 87)  
}
```

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(197, 93, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 93, 87) }
```

Border

The CSS property to change the border of an element to XYZ 28.6606, 20.3871, 11.4414 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(197, 93, 87) }
```


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

```
.border{ border-color:rgb(197, 93, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 93, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 93, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 93, 87);  
box-shadow:4px 4px 4px 4px rgb(197, 93,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6606, 20.3871, 11.4414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 93, 87) }
```

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

```
.background{ background-color: rgb(197, 93,  
87) }
```

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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