

Converting Colors

XYZ(30.0821, 20.1071, 12.4208)

Have a look what the booklet for
XYZ(30.0821, 20.1071, 12.4208)
contains.

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Color

**XYZ(30.0821, 20.1071,
12.4208)**

Conversions

Conversions Part 1

Format	Color
Hex	CC555C
RGB	204, 85, 92
RGB Percent	80%, 33%, 36%
CMY	0.2000, 0.6666, 0.6392
CMYK	0.00, 0.58, 0.55, 0.20
HSL	356°, 54%, 57%
HSV	356°, 58%, 80%
XYZ	30.0821, 20.1071, 12.4208
YIQ	121.3790, 68.6770, 27.4050

Conversions

Conversions Part 2

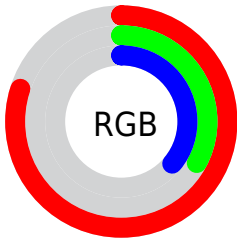
Format	Color
RYB	204, 85, 92
Decimal	13391196
CIELab	51.96, 47.82, 20.17
CIELCh	52, 51.900, 22.871
Yxy	20.1071, 0.4805, 0.3211
Android (android.graphics.Color)	4291581276 (0xFFCC555C)
YUV	121.3790, -14.4838, 72.4586
Hunter-Lab	44.8409, 41.2773, 14.9655

Details

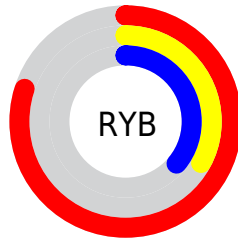
The XYZ color **30.0821, 20.1071, 12.4208** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **35.4185, 49.1486, 60.4469**, and the grayscale version is **18.3273, 19.2818, 20.9979**.

A 20% lighter version of the original color is **55.3551, 41.6782, 30.7184**, and **12.6096, 7.0957, 3.2898** is the 20% darker color. If you saturate the color by 10%, you get **27.9655, 17.0514, 8.0859**, and if you desaturate by 10%, it is **32.8753, 24.1758, 18.0309**.

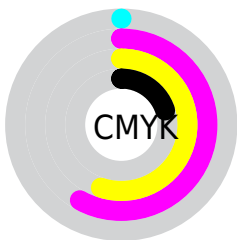
Distribution



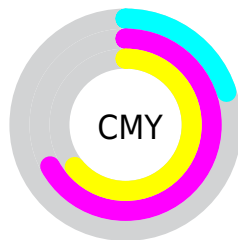
- Red (80%)
- Green (33%)
- Blue (36%)



- Red (80%)
- Yellow (33%)
- Blue (36%)



- Cyan (0%)
- Magenta (58%)
- Yellow (55%)
- Black (20%)



- Cyan (20%)
- Magenta (67%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0821, 20.1071, 12.4208 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 30.0821, 20.1071, 12.4208 by changing the saturation by 10% instead.

■ 30.0821, 20.1071,
12.4208

■ 30.0821, 20.1071,
12.4208

294.1899,
252.4943, 218.2474

■ 20.0493, 12.4729,
6.9049

■ 59.1777, 43.5967,
30.9350

■ 12.5394, 7.0666,
3.3252

■ 78.9713, 60.2209,
44.7704

■ 7.1869, 3.5038,
1.2630

■ 102.7491, 80.6105,
62.2161

■ 3.6266, 1.4001,
0.0312

■ 130.8765,
105.1500, 83.6906

■ 1.4932, 0.2168,
0.0000

■ 163.7190,
134.2237, 109.6124

■ 0.3212, 0.0000,
0.0000

201.6418,

■ 0.0000, 0.0000,

168.2161, 140.4001

0.0000

245.0103,
207.5115, 176.4723

■ 30.0821, 20.1071,
12.4208

■ 30.0821, 20.1071,
12.4208

■ 27.9655, 17.0514,
8.0859

■ 32.8753, 24.1758,
18.0309

■ 26.4666, 14.9168,
4.9251

■ 36.3943, 29.3323,
25.0047

■ 25.5189, 13.6005,
2.8238

■ 40.6857, 35.6483,
33.4236

■ 25.0263, 12.9463,
1.6392

■ 45.7917, 43.1883,
43.3628

■ 24.9680, 12.8638,
1.5145

■ 51.7513, 52.0121,
54.8920

■ 58.6011, 62.1756,
68.0767

■ 66.3756, 73.7314,
82.9785

■ 75.1074, 86.7293,
99.6562

■ 78.7117, 91.5773,
108.1354

Harmonies

Analogous

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



31.0671, 20.1071, 25.7057



30.0821, 20.1071, 12.4208



25.9220, 20.1071, 5.9252

Triad

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



30.0821, 20.1071, 12.4208



12.1023, 20.1071, 8.6093



17.8781, 20.1071, 65.3086

Complementary

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



30.0821, 20.1071, 12.4208



35.4185, 49.1486, 60.4469

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.



13.6119, 20.1071, 54.2444



30.0821, 20.1071, 12.4208



10.6996, 20.1071, 18.4777

Square

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



30.0821, 20.1071, 12.4208



15.4286, 20.1071, 4.5394



11.1963, 20.1071, 35.2590



23.3375, 20.1071, 61.1273

Rectangle

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



30.0821, 20.1071, 12.4208



22.2619, 20.1071, 4.1990



11.1963, 20.1071, 35.2590



16.2728, 20.1071, 63.1254

Sweetspot

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



30.0826, 20.1082, 12.4211



76.8590, 73.0373, 73.7975



36.9304, 22.6025, 59.5427



16.0517, 15.0426, 15.0211



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.



30.0826, 20.1082, 12.4211



45.5789, 27.1860, 11.8600



35.4264, 31.2628, 12.7630



11.2386, 11.2242, 11.7912



15.7269, 8.1013, 1.0146



0.8209, 0.4218, 0.1027

Inverse Universe

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



30.0826, 20.1082, 12.4211



45.5789, 27.1860, 11.8600



25.9452, 28.8896, 61.3352



11.2386, 11.2242, 11.7912



15.7269, 8.1013, 1.0146



0.8209, 0.4218, 0.1027

Previews

White Background



This preview shows how the XYZ color 30.0821, 20.1071, 12.4208 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 30.0821, 20.1071, 12.4208 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 30.0821, 20.1071, 12.4208

Background



This preview shows how black text looks on a background with the XYZ color 30.0821, 20.1071, 12.4208.



This preview shows how white text looks on a background with the XYZ color 30.0821, 20.1071,

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

30.0821, 20.1071, 12.4208

Protanopia

19.2280, 20.2869, 17.6542

Deuteranopia

20.4893, 20.1614, 11.6157



Tritanopia

30.0387, 20.0897, 12.1920

Trichromacy



Original Color

30.0821, 20.1071, 12.4208

Protanomaly

21.9287, 19.2992, 15.4013

Deuteranomaly

23.1676, 19.5448, 11.7840

Tritanomaly

30.0387, 20.0897, 12.1920

Monochromacy



Original Color

30.0821, 20.1071, 12.4208

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

20.9395, 18.4302, 17.2056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0821, 20.1071, 12.4208 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(204, 85, 92)` looks like.

```
.text, #text, p{  
    color:rgb(204, 85, 92)  
}
```

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(204, 85, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 85, 92) }
```

Border

The CSS property to change the border of an element to XYZ 30.0821, 20.1071, 12.4208 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(204, 85, 92) }
```


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

```
.border{ border-color:rgb(204, 85, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 85, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 85, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 85, 92);  
box-shadow:4px 4px 4px 4px rgb(204, 85,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0821, 20.1071, 12.4208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 85, 92) }
```

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

```
.background{ background-color: rgb(204, 85,  
92) }
```

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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