

Converting Colors

XYZ(30.1261, 20.1247, 12.6526)

Have a look what the booklet for
XYZ(30.1261, 20.1247, 12.6526)
contains.

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Color

**XYZ(30.1261, 20.1247,
12.6526)**

Conversions

Conversions Part 1

Format	Color
Hex	CC555D
RGB	204, 85, 93
RGB Percent	80%, 33%, 36%
CMY	0.2000, 0.6666, 0.6353
CMYK	0.00, 0.58, 0.54, 0.20
HSL	356°, 54%, 57%
HSV	356°, 58%, 80%
XYZ	30.1261, 20.1247, 12.6526
YIQ	121.4930, 68.3560, 27.7160

Conversions

Conversions Part 2

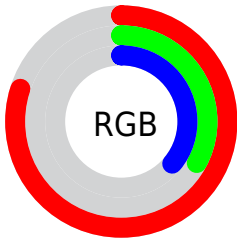
Format	Color
R_{YB}	204, 85, 93
Decimal	13391197
CIE Lab	51.98, 47.90, 19.61
CIE LCh	52, 51.758, 22.260
Yxy	20.1247, 0.4789, 0.3199
Android (android.graphics.Color)	4291581277 (0xFFCC555D)
YUV	121.4930, -14.0470, 72.3586
Hunter-Lab	44.8606, 41.3657, 14.6801

Details

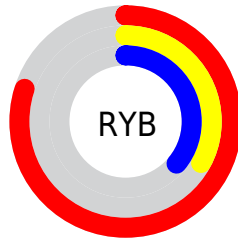
The XYZ color **30.1261, 20.1247, 12.6526** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **35.3042, 49.1029, 59.8452**, and the grayscale version is **18.3631, 19.3194, 21.0388**.

A 20% lighter version of the original color is **55.4305, 41.7084, 31.1156**, and **12.6295, 7.1037, 3.3948** is the 20% darker color. If you saturate the color by 10%, you get **28.0046, 17.0670, 8.2918**, and if you desaturate by 10%, it is **32.9212, 24.1942, 18.2729**.

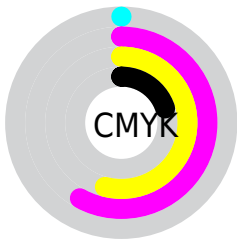
Distribution



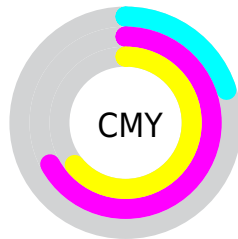
- Red (80%)
- Green (33%)
- Blue (36%)



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



- Cyan (0%)
- Magenta (58%)
- Yellow (54%)
- Black (20%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.1261, 20.1247, 12.6526 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 30.1261, 20.1247, 12.6526 by changing the saturation by 10% instead.


 30.1261, 20.1247,
12.6526


 30.1261, 20.1247,
12.6526


294.3911,
252.5894, 219.8081


 20.0829, 12.4857,
7.0619


 59.2468, 43.6262,
31.3602

 12.5639, 7.0754,
3.4218


 79.0550, 60.2574,
45.3142


 7.2039, 3.5093,
1.3138


 102.8489, 80.6549,
62.8930

 3.6374, 1.4030,
0.0731

 130.9938,
105.2030, 84.5151

 1.4991, 0.2190,
0.0000

 163.8551,
134.2861, 110.5992

 0.3252, 0.0000,
0.0000

201.7982,

 0.0000, 0.0000,

168.2886, 141.5637

0.0000

245.1884,
207.5949, 177.8271

■ 30.1261, 20.1247,
12.6526

■ 30.1261, 20.1247,
12.6526

■ 28.0046, 17.0670,
8.2918

■ 32.9212, 24.1942,
18.2729

■ 26.4983, 14.9294,
5.0922

■ 36.4387, 29.3501,
25.2387

■ 25.5415, 13.6095,
2.9428

■ 40.7248, 35.6639,
33.6294

■ 25.0389, 12.9514,
1.7057

■ 45.8212, 43.2001,
43.5182

■ 24.9790, 12.8682,
1.5723

■ 51.7667, 52.0182,
54.9732

■ 58.5976, 62.1742,
68.0582

■ 66.3481, 73.7204,
82.8336

■ 75.0505, 86.7066,
99.3568

■ 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.



31.0326, 20.1247, 26.0593



30.1261, 20.1247, 12.6526



26.0272, 20.1247, 6.0394

Triad

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



30.1261, 20.1247, 12.6526



12.1797, 20.1247, 8.5138



17.7950, 20.1247, 65.1012

Complementary

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



30.1261, 20.1247, 12.6526



35.3042, 49.1029, 59.8452

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.



13.5702, 20.1247, 53.8193



30.1261, 20.1247, 12.6526



10.7393, 20.1247, 18.2305

Square

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



30.1261, 20.1247, 12.6526



15.5394, 20.1247, 4.5302



11.1969, 20.1247, 34.8513



23.2303, 20.1247, 61.2550

Rectangle

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



30.1261, 20.1247, 12.6526



22.3857, 20.1247, 4.2619



11.1969, 20.1247, 34.8513



16.2026, 20.1247, 62.8220

Sweetspot

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



30.1266, 20.1258, 12.6529



76.9056, 73.0560, 74.0432



36.4177, 22.3382, 59.5187



16.0626, 15.0469, 15.0782



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.



30.1266, 20.1258, 12.6529



45.6409, 27.2108, 12.1862



35.1482, 30.7063, 12.6703



11.2424, 11.2257, 11.8110



15.7347, 8.1045, 1.0557



0.8227, 0.4225, 0.1120

Inverse Universe

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



30.1266, 20.1258, 12.6529



45.6409, 27.2108, 12.1862



26.2710, 29.5412, 61.4438



11.2424, 11.2257, 11.8110



15.7347, 8.1045, 1.0557



0.8227, 0.4225, 0.1120

Previews

White Background



This preview shows how the XYZ color 30.1261, 20.1247, 12.6526 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 30.1261, 20.1247, 12.6526 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 30.1261, 20.1247, 12.6526

Background



This preview shows how black text looks on a background with the XYZ color 30.1261, 20.1247, 12.6526.

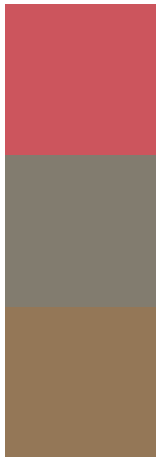


This preview shows how white text looks on a background with the XYZ color 30.1261, 20.1247,

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

30.1261, 20.1247, 12.6526

Protanopia

19.2828, 20.3088, 17.9426

Deuteranopia

20.5299, 20.1777, 11.8295



Tritanopia

30.0387, 20.0897, 12.1920

Trichromacy



Original Color

30.1261, 20.1247, 12.6526

Protanomaly

21.9792, 19.3194, 15.6673

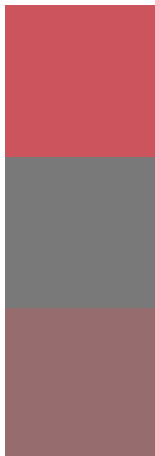
Deuteranomaly

23.2093, 19.5615, 12.0037

Tritanomaly

30.0821, 20.1071, 12.4208

Monochromacy



Original Color

30.1261, 20.1247, 12.6526

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

20.9943, 18.4521, 17.4940

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1261, 20.1247, 12.6526 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, 93)` looks like.

```
.text, #text, p{  
    color:rgb(204, 85, 93)  
}
```

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, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 85, 93) }
```

Border

The CSS property to change the border of an element to XYZ 30.1261, 20.1247, 12.6526 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, 93) }
```


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

```
.border{ border-color:rgb(204, 85, 93) }
```

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, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 85, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 85, 93);  
box-shadow:4px 4px 4px 4px rgb(204, 85,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1261, 20.1247, 12.6526 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, 93) }
```

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

```
.background{ background-color: rgb(204, 85,  
93) }
```

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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