

Converting Colors

XYZ(31.0292, 20.4964, 11.5736)

Have a look what the booklet for
XYZ(31.0292, 20.4964, 11.5736)
contains.

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Color

**XYZ(30.9442, 20.4551,
11.5498)**

Conversions

Conversions Part 1

Format	Color
Hex	D05458
RGB	208, 84, 88
RGB Percent	82%, 33%, 35%
CMY	0.1843, 0.6706, 0.6549
CMYK	0.00, 0.60, 0.58, 0.18
HSL	358°, 57%, 57%
HSV	358°, 60%, 82%
XYZ	30.9442, 20.4551, 11.5498
YIQ	121.5320, 72.6200, 27.5320

Conversions

Conversions Part 2

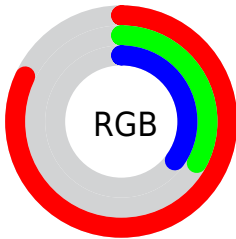
Format	Color
R_{YB}	208, 84, 88
Decimal	13653080
CIE _{Lab}	52.35, 49.36, 23.17
CIE _{LCh}	52, 54.530, 25.140
Yxy	20.4551, 0.4916, 0.3249
Android (android.graphics.Color)	4291843160 (0xFFD05458)
YUV	121.5320, -16.5313, 75.8324
Hunter-Lab	45.2273, 42.9806, 16.5181

Details

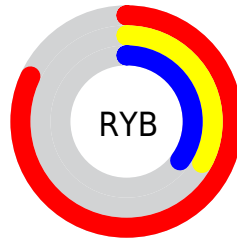
The XYZ color **30.9442, 20.4551, 11.5498** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **37.1124, 51.3567, 65.0875**, and the grayscale version is **18.3825, 19.3399, 21.0611**.

A 20% lighter version of the original color is **54.9159, 41.2719, 29.1166**, and **13.0407, 7.2542, 2.9984** is the 20% darker color. If you saturate the color by 10%, you get **28.8408, 17.4037, 7.2873**, and if you desaturate by 10%, it is **33.7580, 24.5593, 17.1850**.

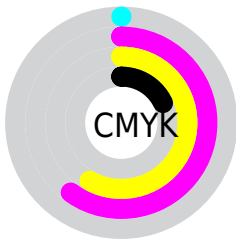
Distribution



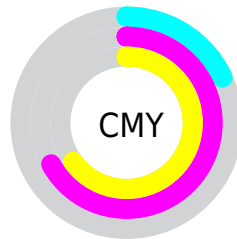
- Red (82%)
- Green (33%)
- Blue (35%)



- Red (82%)
- Yellow (33%)
- Blue (35%)



- Cyan (0%)
- Magenta (60%)
- Yellow (58%)
- Black (18%)





- Cyan (18%)
- Magenta (67%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.9442, 20.4551, 11.5498 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 30.9442, 20.4551, 11.5498 by changing the saturation by 10% instead.


 30.9442, 20.4551,
11.5498

 30.9442, 20.4551,
11.5498


298.1126,
254.3683, 212.2727


 20.7080, 12.7263,
6.3191


 60.5286, 44.1789,
29.3245


 13.0220, 7.2403,
2.9682


 80.6076, 60.9427,
42.7056


 7.5208, 3.6129,
1.0784


 104.6981, 81.4869,
59.6406

 3.8391, 1.4594,
0.0000

 133.1657,
106.1959, 80.5480

 1.6115, 0.2599,
0.0000

 166.3755,
135.4542, 105.8463

 0.3999, 0.0000,
0.0000

204.6931,

 0.0000, 0.0000,

169.6461, 135.9542

0.0000

248.4837,
209.1560, 171.2901

■ 30.9442, 20.4551,
11.5498

■ 30.9442, 20.4551,
11.5498

■ 28.8408, 17.4037,
7.2873

■ 33.7580, 24.5593,
17.1850

■ 27.3830, 15.3061,
4.2794

■ 37.3365, 29.7967,
24.2957

■ 26.4968, 14.0508,
2.3899

■ 41.7304, 36.2439,
32.9758

■ 26.0621, 13.4438,
1.4361

■ 46.9856, 43.9699,
43.3114

■ 26.0490, 13.4245,
1.4106

■ 53.1445, 53.0383,
55.3822

■ 60.2470, 63.5088,
69.2627

■ 68.3304, 75.4372,
85.0232

■ 77.4299, 88.8765,
102.7302

■ 79.8223, 92.1498,
108.1874

Harmonies

Analogous

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



32.3049, 20.4551, 24.9954



30.9442, 20.4551, 11.5498



26.2884, 20.4551, 5.3157

Triad

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



30.9442, 20.4551, 11.5498



11.8607, 20.4551, 8.8620



18.5417, 20.4551, 69.4672

Complementary

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



30.9442, 20.4551, 11.5498



37.1124, 51.3567, 65.0875

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.



13.9012, 20.4551, 58.4950



30.9442, 20.4551, 11.5498



10.5469, 20.4551, 19.7542

Square

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



30.9442, 20.4551, 11.5498



15.2067, 20.4551, 4.3702



11.2149, 20.4551, 38.1590



24.3986, 20.4551, 63.6239

Rectangle

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



30.9442, 20.4551, 11.5498



22.3441, 20.4551, 3.7611



11.2149, 20.4551, 38.1590



16.8027, 20.4551, 67.5157

Sweetspot

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



30.9447, 20.4562, 11.5501



75.7701, 71.5920, 71.1763



39.4213, 23.7144, 62.1739



15.6490, 14.4867, 14.1179



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.



30.9447, 20.4562, 11.5501



44.8694, 26.3578, 9.8019



37.2666, 33.3575, 12.8635



11.8239, 11.8143, 12.3487



16.2421, 8.3697, 0.9151



0.9137, 0.4702, 0.0803

Inverse Universe

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



30.9447, 20.4562, 11.5501



44.8694, 26.3578, 9.8019



25.9701, 28.2955, 63.7671



11.8239, 11.8143, 12.3487



16.2421, 8.3697, 0.9151



0.9137, 0.4702, 0.0803

Previews

White Background



This preview shows how the XYZ color 30.9442, 20.4551, 11.5498 looks on a white background.

Color Contrast Check

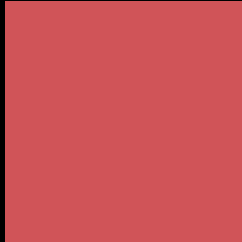
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.9442, 20.4551, 11.5498 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 30.9442, 20.4551, 11.5498

Background



This preview shows how black text looks on a background with the XYZ color 30.9442, 20.4551, 11.5498.



This preview shows how white text looks on a background with the XYZ color 30.9442, 20.4551,

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

30.9442, 20.4551, 11.5498

Protanopia

19.4509, 20.6134, 16.5893

Deuteranopia

21.0020, 20.6214, 10.8561



Tritanopia

30.9859, 20.4718, 11.7695

Trichromacy



Original Color

30.9442, 20.4551, 11.5498

Protanomaly

22.3253, 19.5263, 14.3967

Deuteranomaly

23.8712, 19.9261, 10.9755

Tritanomaly

30.9859, 20.4718, 11.7695

Monochromacy



Original Color

30.9442, 20.4551, 11.5498

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

21.3139, 18.6232, 17.2231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9442, 20.4551, 11.5498 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(208, 84, 88)` looks like.

```
.text, #text, p{  
    color:rgb(208, 84, 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(208, 84, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 84, 88) }
```

Border

The CSS property to change the border of an element to XYZ 30.9442, 20.4551, 11.5498 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(208, 84, 88) }
```


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

```
.border{ border-color:rgb(208, 84, 88) }
```

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

Here you see how a box with a 4 pixel rgb(208, 84, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 84, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 84, 88);  
box-shadow:4px 4px 4px 4px rgb(208, 84,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9442, 20.4551, 11.5498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 84, 88) }
```

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

```
.background{ background-color: rgb(208, 84,  
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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