

Converting Colors

XYZ(31.0345, 21.3721, 10.6731)

Have a look what the booklet for
XYZ(31.0345, 21.3721, 10.6731)
contains.

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Color

**XYZ(31.0345, 21.3721,
10.6731)**

Conversions

Conversions Part 1

Format	Color
Hex	CF5B53
RGB	207, 91, 83
RGB Percent	81%, 36%, 33%
CMY	0.1882, 0.6431, 0.6745
CMYK	0.00, 0.56, 0.60, 0.19
HSL	4°, 56%, 57%
HSV	4°, 60%, 81%
XYZ	31.0345, 21.3721, 10.6731
YIQ	124.7720, 71.7040, 22.1040

Conversions

Conversions Part 2

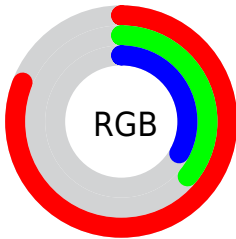
Format	Color
R_{YB}	207, 92, 83
Decimal	13589331
CIE _{Lab}	53.35, 45.36, 27.36
CIE _{LCh}	53, 52.973, 31.098
Yxy	21.3721, 0.4920, 0.3388
Android (android.graphics.Color)	4291779411 (0xFFCF5B53)
YUV	124.7720, -20.5936, 72.1140
Hunter-Lab	46.2300, 38.9258, 18.6727

Details

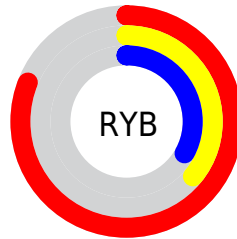
The XYZ color **31.0345, 21.3721, 10.6731** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **35.2515, 47.1875, 66.2812**, and the grayscale version is **19.4672, 20.4810, 22.3039**.

A 20% lighter version of the original color is **55.4469, 42.9000, 27.5485**, and **13.0440, 7.6661, 2.6259** is the 20% darker color. If you saturate the color by 10%, you get **28.9041, 18.2052, 6.5914**, and if you desaturate by 10%, it is **33.8315, 25.4907, 16.1542**.

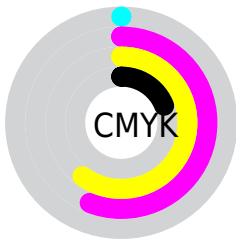
Distribution



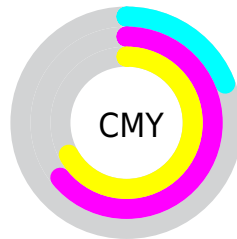
- Red (81%)
- Green (36%)
- Blue (33%)



- Red (81%)
- Yellow (36%)
- Blue (33%)



- Cyan (0%)
- Magenta (56%)
- Yellow (60%)
- Black (19%)





- Cyan (19%)
- Magenta (64%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.0345, 21.3721, 10.6731 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 31.0345, 21.3721, 10.6731 by changing the saturation by 10% instead.

 31.0345, 21.3721,
10.6731


 31.0345, 21.3721,
10.6731


298.5213,
259.2494, 206.0672


 20.7771, 13.3963,
5.7361


 60.6699, 45.7060,
27.6814

 13.0727, 7.7020,
2.6191


 80.7785, 62.8328,
40.5898


 7.5560, 3.9048,
0.9023


 104.9016, 83.7788,
56.9924

 3.8616, 1.6205,
0.0000

 133.4045,
108.9283, 77.3077

 1.6241, 0.3713,
0.0000

 166.6526,
138.6657, 101.9543

 0.4080, 0.0000,
0.0000

205.0111,

 0.0000, 0.0000,

173.3755, 131.3507

0.0000

248.8456,
213.4419, 165.9155

■ 31.0345, 21.3721,
10.6731

■ 31.0345, 21.3721,
10.6731

■ 28.9041, 18.2052,
6.5914

■ 33.8315, 25.4907,
16.1542

■ 27.3833, 15.9107,
3.7810

■ 37.3427, 30.6253,
23.1449

■ 26.4079, 14.4022,
2.0927

■ 41.6134, 36.8384,
31.7459

■ 25.8842, 13.5680,
1.2604

■ 46.6844, 44.1868,
42.0488

■ 25.8806, 13.5626,
1.2538

■ 52.5938, 52.7231,
54.1383

■ 59.3772, 62.4965,
68.0934

■ 67.0680, 73.5538,
83.9886

■ 75.6981, 85.9391,
101.8941

■ 79.5419, 92.0053,
108.1742

Harmonies

Analogous

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



33.1362, 21.3721, 22.6832



31.0345, 21.3721, 10.6731



25.9926, 21.3721, 5.3387

Triad

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



31.0345, 21.3721, 10.6731



12.2505, 21.3721, 11.2950



20.5211, 21.3721, 69.9097

Complementary

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



31.0345, 21.3721, 10.6731



35.2515, 47.1875, 66.2812

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.



15.5285, 21.3721, 62.2032



31.0345, 21.3721, 10.6731



11.3166, 21.3721, 23.8680

Square

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



31.0345, 21.3721, 10.6731



15.2309, 21.3721, 5.5637



12.3988, 21.3721, 43.1780



26.4171, 21.3721, 61.0692

Rectangle

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



31.0345, 21.3721, 10.6731



22.0309, 21.3721, 4.1379



12.3988, 21.3721, 43.1780



18.6878, 21.3721, 69.1486

Sweetspot

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



31.0350, 21.3733, 10.6735



76.3204, 72.9873, 70.4520



39.3443, 23.6595, 57.6278



15.7799, 14.8182, 13.9460



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.



31.0350, 21.3733, 10.6735



45.5030, 27.9457, 9.0246



38.3921, 36.0875, 13.1258



11.8692, 11.9290, 12.2890



16.3306, 8.5941, 0.7981



0.9351, 0.5245, 0.0520

Inverse Universe

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



35.2515, 47.1875, 66.2812



52.7719, 72.7627, 105.8710



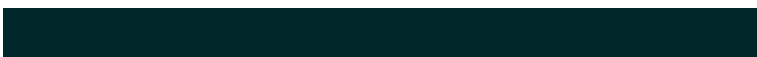
24.0334, 24.7514, 62.5419



12.0903, 13.2709, 15.1680



19.2262, 27.0990, 41.4098



1.0952, 1.5555, 2.3221

Previews

White Background



This preview shows how the XYZ color 31.0345, 21.3721, 10.6731 looks on a white background.

Color Contrast Check

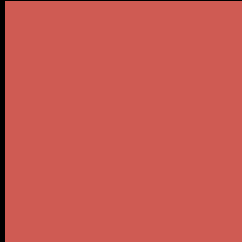
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.0345, 21.3721, 10.6731 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 31.0345, 21.3721, 10.6731

Background



This preview shows how black text looks on a background with the XYZ color 31.0345, 21.3721, 10.6731.



This preview shows how white text looks on a background with the XYZ color 31.0345, 21.3721,

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

31.0345, 21.3721, 10.6731

Protanopia

20.2403, 21.6386, 14.6652

Deuteranopia

21.8167, 21.4235, 10.0065



Tritanopia

31.6504, 21.3809, 13.2852

Trichromacy



Original Color

31.0345, 21.3721, 10.6731

Protanomaly

23.0068, 20.7332, 13.1452

Deuteranomaly

24.5513, 20.9321, 10.1434

Tritanomaly

31.5569, 21.4776, 12.3799

Monochromacy



Original Color

31.0345, 21.3721, 10.6731

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

22.2372, 19.9046, 17.4218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0345, 21.3721, 10.6731 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(207, 91, 83)` looks like.

```
.text, #text, p{  
    color:rgb(207, 91, 83)  
}
```

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(207, 91, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 91, 83) }
```

Border

The CSS property to change the border of an element to XYZ 31.0345, 21.3721, 10.6731 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(207, 91, 83) }
```


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

```
.border{ border-color:rgb(207, 91, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 91, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 91, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 91, 83);  
box-shadow:4px 4px 4px 4px rgb(207, 91,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0345, 21.3721, 10.6731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 91, 83) }
```

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

```
.background{ background-color: rgb(207, 91,  
83) }
```

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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