

Converting Colors

XYZ(30.8006, 21.1826, 13.7745)

Have a look what the booklet for
XYZ(30.8006, 21.1826, 13.7745)
contains.

XYZ(30.8006, 21.1826, 13.7745)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.8006, 21.1826,
13.7745)**

Conversions

Conversions Part 1

Format	Color
Hex	CC5B61
RGB	204, 91, 97
RGB Percent	80%, 36%, 38%
CMY	0.2000, 0.6431, 0.6196
CMYK	0.00, 0.55, 0.52, 0.20
HSL	357°, 53%, 58%
HSV	357°, 55%, 80%
XYZ	30.8006, 21.1826, 13.7745
YIQ	125.4710, 65.4220, 25.8220

Conversions

Conversions Part 2

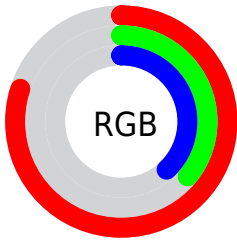
Format	Color
R_{YB}	204, 91, 97
Decimal	13392737
CIE Lab	53.15, 45.38, 18.82
CIE LCh	53, 49.128, 22.527
Yxy	21.1826, 0.4684, 0.3221
Android (android.graphics.Color)	4291582817 (0xFFCC5B61)
YUV	125.4710, -14.0362, 68.8699
Hunter-Lab	46.0246, 38.9130, 14.4725

Details

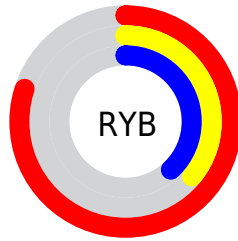
The XYZ color **30.8006, 21.1826, 13.7745** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted rose. A complement of this color would be **36.1016, 49.4876, 61.0790**, and the grayscale version is **19.6831, 20.7081, 22.5511**.

A 20% lighter version of the original color is **56.7107, 43.6489, 33.4531**, and **12.9362, 7.5819, 3.9136** is the 20% darker color. If you saturate the color by 10%, you get **28.4939, 17.8395, 9.0898**, and if you desaturate by 10%, it is **33.8016, 25.5636, 19.7730**.

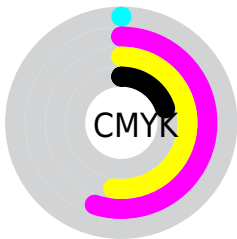
Distribution



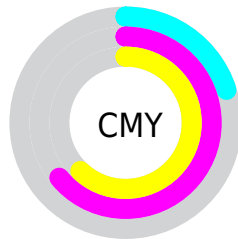
- Red (80%)
- Green (36%)
- Blue (38%)



- Red (80%)
- Yellow (36%)
- Blue (38%)



- Cyan (0%)
- Magenta (55%)
- Yellow (52%)
- Black (20%)





- Cyan (20%)
- Magenta (64%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.8006, 21.1826, 13.7745 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 30.8006, 21.1826, 13.7745 by changing the saturation by 10% instead.

 30.8006, 21.1826,
13.7745


 30.8006, 21.1826,
13.7745


297.4619,
258.2473, 227.2029


 20.5981, 13.2575,
7.8270


 60.3040, 45.3912,
33.3997

 12.9414, 7.6061,
3.8983


 80.3356, 62.4436,
47.9146

 7.4649, 3.8440,
1.5697


 104.3743, 83.3072,
66.1223

 3.8034, 1.5867,
0.2691

 132.7855,
108.3664, 88.4414

 1.5915, 0.3486,
0.0000

165.9345,
138.0056, 115.2905

 0.3869, 0.0000,
0.0000

204.1867,

 0.0000, 0.0000,

172.6093, 147.0881

0.0000

247.9074,
212.5617, 184.2527

■ 30.8006, 21.1826,
13.7745

■ 30.8006, 21.1826,
13.7745

■ 28.4939, 17.8395,
9.0898

■ 33.8016, 25.5636,
19.7730

■ 26.8243, 15.4455,
5.6193

■ 37.5450, 31.0547,
27.1726

■ 25.7282, 13.9029,
3.2511

■ 42.0761, 37.7260,
36.0543

■ 25.1277, 13.0911,
1.8517

■ 47.4365, 45.6404,
46.4928

■ 24.9611, 12.8611,
1.4780

■ 53.6648, 54.8568,
58.5577

■ 60.7969, 65.4300,
72.3142

■ 68.8671, 77.4119,
87.8242

■ 77.9075, 90.8515,
105.1464

■ 78.7118, 91.5773,
108.1354

Harmonies

Analogous

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



31.7056, 21.1826, 26.9749



30.8006, 21.1826, 13.7745



26.8180, 21.1826, 7.0294

Triad

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



30.8006, 21.1826, 13.7745



13.2208, 21.1826, 9.7031



18.8661, 21.1826, 64.4575

Complementary

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



30.8006, 21.1826, 13.7745



36.1016, 49.4876, 61.0790

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.



14.6636, 21.1826, 53.8996



30.8006, 21.1826, 13.7745



11.7877, 21.1826, 19.5511

Square

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



30.8006, 21.1826, 13.7745



16.5550, 21.1826, 5.4802



12.2665, 21.1826, 35.8030



24.1935, 21.1826, 60.6973

Rectangle

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



30.8006, 21.1826, 13.7745



23.2731, 21.1826, 5.1569



12.2665, 21.1826, 35.8030



17.2897, 21.1826, 62.3511

Sweetspot

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



30.8011, 21.1837, 13.7749



76.8272, 73.0246, 73.6305



37.5273, 23.6414, 59.7119



16.0444, 15.0396, 14.9823



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.



30.8011, 21.1837, 13.7749



46.7182, 28.8656, 14.0860



36.1641, 32.3403, 14.2353



11.2360, 11.2232, 11.7776



15.7217, 8.0993, 0.9872



0.8197, 0.4213, 0.0964

Inverse Universe

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



30.8011, 21.1837, 13.7749



46.7182, 28.8656, 14.0860



26.9415, 30.0388, 61.5047



11.2360, 11.2232, 11.7776



15.7217, 8.0993, 0.9872



0.8197, 0.4213, 0.0964

Previews

White Background



This preview shows how the XYZ color 30.8006, 21.1826, 13.7745 looks on a white background.

Color Contrast Check

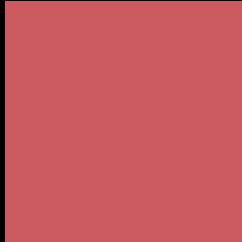
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.8006, 21.1826, 13.7745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

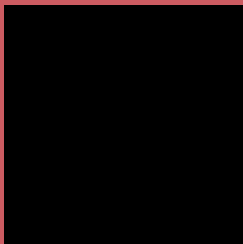
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.8006, 21.1826, 13.7745

Background



This preview shows how black text looks on a background with the XYZ color 30.8006, 21.1826, 13.7745.



This preview shows how white text looks on a background with the XYZ color 30.8006, 21.1826,

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

30.8006, 21.1826, 13.7745

Protanopia

20.2995, 21.3802, 18.9765

Deuteranopia

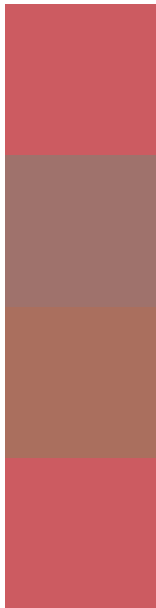
21.6538, 21.2711, 13.0897



Tritanopia

30.8006, 21.1826, 13.7745

Trichromacy



Original Color

30.8006, 21.1826, 13.7745

Protanomaly

23.0222, 20.4883, 16.9286

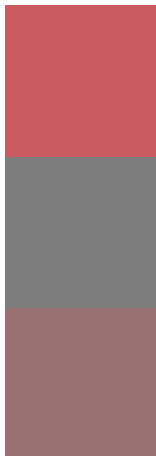
Deuteranomaly

24.2824, 20.7231, 13.3098

Tritanomaly

30.8006, 21.1826, 13.7745

Monochromacy



Original Color

30.8006, 21.1826, 13.7745

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

22.3261, 19.9181, 18.8875

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8006, 21.1826, 13.7745 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, 91, 97)` looks like.

```
.text, #text, p{  
    color:rgb(204, 91, 97)  
}
```

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, 91, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 91, 97) }
```

Border

The CSS property to change the border of an element to XYZ 30.8006, 21.1826, 13.7745 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, 91, 97) }
```


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

```
.border{ border-color:rgb(204, 91, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 91, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 91, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 91, 97);  
box-shadow:4px 4px 4px 4px rgb(204, 91,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8006, 21.1826, 13.7745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 91, 97) }
```

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

```
.background{ background-color: rgb(204, 91,  
97) }
```

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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