

Converting Colors

XYZ(31.1961, 21.5551, 17.8456)

Have a look what the booklet for
XYZ(31.1961, 21.5551, 17.8456)
contains.

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Color

**XYZ(31.1961, 21.5551,
17.8456)**

Conversions

Conversions Part 1

Format	Color
Hex	CA5D70
RGB	202, 93, 112
RGB Percent	79%, 36%, 44%
CMY	0.2078, 0.6353, 0.5608
CMYK	0.00, 0.54, 0.45, 0.21
HSL	350°, 51%, 58%
HSV	350°, 54%, 79%
XYZ	31.1961, 21.5551, 17.8456
YIQ	127.7570, 58.8650, 29.0170

Conversions

Conversions Part 2

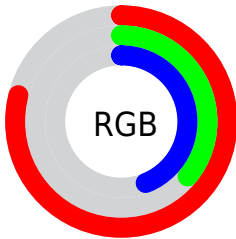
Format	Color
R_{YB}	202, 93, 112
Decimal	13262192
CIE Lab	53.55, 45.11, 10.47
CIE LCh	54, 46.304, 13.063
Yxy	21.5551, 0.4419, 0.3053
Android (android.graphics.Color)	4291452272 (0xFFCA5D70)
YUV	127.7570, -7.7682, 65.1111
Hunter-Lab	46.4275, 38.6918, 9.7096

Details

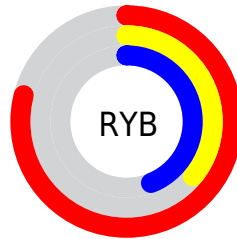
The XYZ color **31.1961, 21.5551, 17.8456** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **34.1831, 47.9876, 52.2636**, and the grayscale version is **20.4461, 21.5109, 23.4254**.

A 20% lighter version of the original color is **58.3746, 44.8078, 40.6940**, and **13.1858, 7.8170, 5.6644** is the 20% darker color. If you saturate the color by 10%, you get **28.8071, 18.1283, 12.8840**, and if you desaturate by 10%, it is **34.2265, 25.9894, 23.8702**.

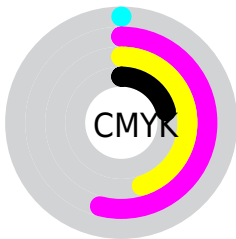
Distribution



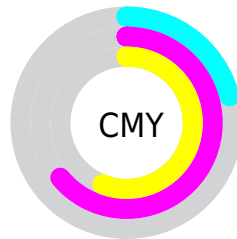
- Red (79%)
- Green (36%)
- Blue (44%)



- Red (79%)
- Yellow (36%)
- Blue (44%)



- Cyan (0%)
- Magenta (54%)
- Yellow (45%)
- Black (21%)



- Cyan (21%)
- Magenta (64%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.1961, 21.5551, 17.8456 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 31.1961, 21.5551, 17.8456 by changing the saturation by 10% instead.

■ 31.1961, 21.5551,
17.8456

■ 31.1961, 21.5551,
17.8456

299.2515,
260.2140, 252.2061

■ 20.9008, 13.5304,
10.6709

■ 60.9224, 46.0096,
40.5844

■ 13.1635, 7.7948,
5.7346

■ 81.0841, 63.2081,
56.9857

■ 7.6190, 3.9639,
2.6182

■ 105.2654, 84.2333,
77.2995

■ 3.9019, 1.6534,
0.9018

■ 133.8314,
109.4697, 101.9444

■ 1.6468, 0.3932,
0.0000

167.1477,
139.3015, 131.3390

■ 0.4226, 0.0000,
0.0000

205.5796,

■ 0.0000, 0.0000,

174.1132, 165.9018

0.0000

249.4924,
214.2893, 206.0513

■ 31.1961, 21.5551,
17.8456

■ 31.1961, 21.5551,
17.8456

■ 28.8071, 18.1283,
12.8840

■ 34.2265, 25.9894,
23.8702

■ 27.0106, 15.6263,
8.9214

■ 37.9390, 31.4986,
31.0141

■ 25.7530, 13.9590,
5.8889

■ 42.3729, 38.1481,
39.3310

■ 24.9702, 13.0162,
3.7075

■ 47.5641, 45.9972,
48.8708

■ 24.6635, 12.6791,
2.7533

■ 53.5458, 55.1011,
59.6802

■ 60.3495, 65.5116,
71.8039

■ 68.0049, 77.2775,
85.2841

■ 76.5401, 90.4450,
100.1611

■ 78.1671, 91.2965,
108.1099

Harmonies

Analogous

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



30.9768, 21.5551, 32.3146



31.1961, 21.5551, 17.8456



28.2353, 21.5551, 9.3704

Triad

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



31.1961, 21.5551, 17.8456



14.6651, 21.5551, 8.6832



17.8445, 21.5551, 60.2683

Complementary

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



31.1961, 21.5551, 17.8456



34.1831, 47.9876, 52.2636

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.



14.3050, 21.5551, 47.3581



31.1961, 21.5551, 17.8456



12.6818, 21.5551, 16.4070

Square

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



31.1961, 21.5551, 17.8456



18.4159, 21.5551, 5.6985



12.5616, 21.5551, 30.1667



22.7089, 21.5551, 61.1648

Rectangle

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



31.1961, 21.5551, 17.8456



25.0959, 21.5551, 6.6182



12.5616, 21.5551, 30.1667



16.4808, 21.5551, 57.0088

Sweetspot

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



31.1967, 21.5562, 17.8460



78.4297, 74.6914, 78.9067



33.8711, 22.0413, 58.3462



16.3848, 15.3778, 16.1520



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.



31.1967, 21.5562, 17.8460



48.1113, 29.7577, 20.3898



33.9900, 28.6606, 14.0980



11.2908, 11.2451, 12.0660



15.8939, 8.1681, 1.8939



0.8451, 0.4314, 0.2302

Inverse Universe

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



31.1967, 21.5562, 17.8460



48.1113, 29.7577, 20.3898



29.0833, 34.4073, 60.9854



11.2908, 11.2451, 12.0660



15.8939, 8.1681, 1.8939



0.8451, 0.4314, 0.2302

Previews

White Background



This preview shows how the XYZ color 31.1961, 21.5551, 17.8456 looks on a white background.

Color Contrast Check

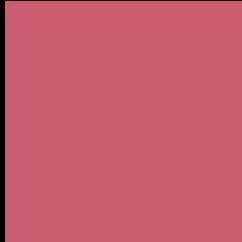
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.1961, 21.5551, 17.8456 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 31.1961, 21.5551, 17.8456

Background



This preview shows how black text looks on a background with the XYZ color 31.1961, 21.5551, 17.8456.



This preview shows how white text looks on a background with the XYZ color 31.1961, 21.5551,

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

31.1961, 21.5551, 17.8456

Protanopia

21.0218, 21.8229, 24.5770

Deuteranopia

22.0742, 21.7727, 16.9490



Tritanopia

30.5286, 21.5415, 14.8608

Trichromacy



Original Color

31.1961, 21.5551, 17.8456

Protanomaly

23.4791, 20.7846, 21.8431

Deuteranomaly

24.8139, 21.2392, 17.2597

Tritanomaly

30.6399, 21.4428, 15.8886

Monochromacy



Original Color

31.1961, 21.5551, 17.8456

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

23.1612, 20.6352, 21.1746

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.1961, 21.5551, 17.8456 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(202, 93, 112)` looks like.

```
.text, #text, p{  
    color:rgb(202, 93, 112)  
}
```

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(202, 93, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 93, 112) }
```

Border

The CSS property to change the border of an element to XYZ 31.1961, 21.5551, 17.8456 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(202, 93, 112) }
```


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

```
.border{ border-color:rgb(202, 93, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 93, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 93, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 93, 112);  
box-shadow:4px 4px 4px 4px rgb(202, 93,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 31.1961, 21.5551, 17.8456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 93, 112) }
```

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

```
.background{ background-color: rgb(202, 93,  
112) }
```

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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