

Converting Colors

XYZ(31.6533, 22.2957, 13.2269)

Have a look what the booklet for
XYZ(31.6533, 22.2957, 13.2269)
contains.

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Color

**XYZ(31.6569, 22.2957,
13.2247)**

Conversions

Conversions Part 1

Format	Color
Hex	CE605E
RGB	206, 96, 94
RGB Percent	81%, 38%, 37%
CMY	0.1922, 0.6235, 0.6314
CMYK	0.00, 0.53, 0.54, 0.19
HSL	1°, 53%, 59%
HSV	1°, 54%, 81%
XYZ	31.6569, 22.2957, 13.2247
YIQ	128.6620, 66.2020, 22.6980

Conversions

Conversions Part 2

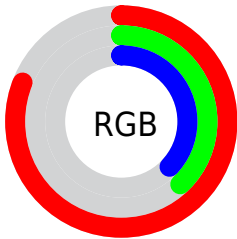
Format	Color
RYB	206, 96, 94
Decimal	13525086
CIELab	54.34, 43.40, 22.23
CIELCh	54, 48.762, 27.120
Yxy	22.2957, 0.4712, 0.3319
Android (android.graphics.Color)	4291715166 (0xFFCE605E)
YUV	128.6620, -17.0884, 67.8254
Hunter-Lab	47.2183, 37.0409, 16.4471

Details

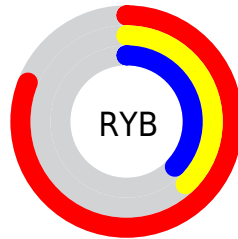
The XYZ color **31.6569, 22.2957, 13.2247** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **37.3483, 50.0190, 66.0786**, and the grayscale version is **20.7904, 21.8731, 23.8198**.

A 20% lighter version of the original color is **57.0215, 44.7685, 32.0214**, and **13.4668, 8.2178, 3.6727** is the 20% darker color. If you saturate the color by 10%, you get **29.2385, 18.7462, 8.4506**, and if you desaturate by 10%, it is **34.7980, 26.8961, 19.4569**.

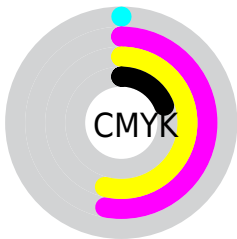
Distribution



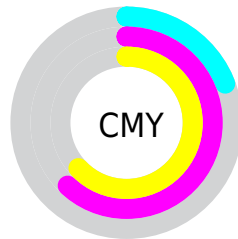
- Red (81%)
- Green (38%)
- Blue (37%)



- Red (81%)
- Yellow (38%)
- Blue (37%)



- Cyan (0%)
- Magenta (53%)
- Yellow (54%)
- Black (19%)





- Cyan (19%)
- Magenta (62%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.6569, 22.2957, 13.2247 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 31.6569, 22.2957, 13.2247 by changing the saturation by 10% instead.


 31.6569, 22.2957,
13.2247


 31.6569, 22.2957,
13.2247


301.3265,
264.0866, 223.6109


 21.2538, 14.0743,
7.4509


 61.6417, 47.2342,
32.4040

 13.4232, 8.1724,
3.6630


 81.9541, 64.7202,
46.6465

 7.7996, 4.2055,
1.4423


 106.3003, 86.0632,
64.5491

 4.0177, 1.7891,
0.1744

 135.0458,
111.6475, 86.5302

 1.7122, 0.4804,
0.0000

168.5557,
141.8576, 113.0084

 0.4639, 0.0000,
0.0000

207.1956,

 0.0000, 0.0000,

177.0779, 144.4022

0.0000

251.3307,
217.6928, 181.1302

■ 31.6569, 22.2957,
13.2247

■ 31.6569, 22.2957,
13.2247

■ 29.2385, 18.7462,
8.4506

■ 34.7980, 26.8961,
19.4569

■ 27.4838, 16.1614,
5.0151

■ 38.7112, 32.6174,
27.2514

■ 26.3273, 14.4478,
2.7820

■ 43.4437, 39.5278,
36.7041

■ 25.6895, 13.4913,
1.5853

■ 49.0383, 47.6893,
47.9029

■ 25.4936, 13.2019,
1.2046

■ 55.5348, 57.1592,
60.9297

■ 62.9706, 67.9915,
75.8609

■ 71.3809, 80.2371,
92.7688

■ 79.2636, 91.8618,
108.1612

Harmonies

Analogous

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



33.1314, 22.2957, 25.7775



31.6569, 22.2957, 13.2247



27.2410, 22.2957, 7.0535

Triad

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



31.6569, 22.2957, 13.2247



13.7121, 22.2957, 11.5966



20.6818, 22.2957, 66.8386

Complementary

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



31.6569, 22.2957, 13.2247



37.3483, 50.0190, 66.0786

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.



16.1111, 22.2957, 58.1069



31.6569, 22.2957, 13.2247



12.5320, 22.2957, 22.8344

Square

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



31.6569, 22.2957, 13.2247



16.8638, 22.2957, 6.4275



13.3314, 22.2957, 40.2211



26.2025, 22.2957, 60.7797

Rectangle

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



31.6569, 22.2957, 13.2247



23.5533, 22.2957, 5.4572



13.3314, 22.2957, 40.2211



18.9929, 22.2957, 65.4733

Sweetspot

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



31.6574, 22.2969, 13.2251



77.6859, 74.6908, 74.0746



40.3714, 25.4934, 60.0035



16.2101, 15.3774, 15.0182



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.



31.6574, 22.2969, 13.2251



46.8998, 29.6776, 12.7628



38.6807, 36.3433, 15.5662



11.2282, 11.2453, 11.6582



15.7057, 8.1444, 0.7442



0.8160, 0.4317, 0.0403

Inverse Universe

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



37.3483, 50.0190, 66.0786



57.0143, 78.9971, 106.8507



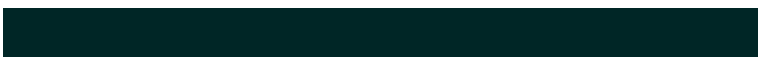
26.3676, 28.0578, 62.4184



11.5254, 12.6912, 14.4126



19.9185, 28.8610, 40.4772



1.0332, 1.5001, 2.0900

Previews

White Background



This preview shows how the XYZ color 31.6569, 22.2957, 13.2247 looks on a white background.

Color Contrast Check

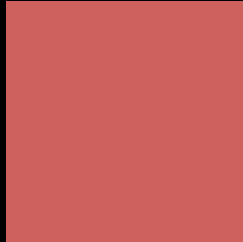
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.6569, 22.2957, 13.2247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

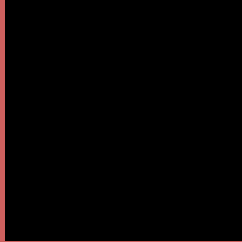
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.6569, 22.2957, 13.2247

Background



This preview shows how black text looks on a background with the XYZ color 31.6569, 22.2957, 13.2247.



This preview shows how white text looks on a background with the XYZ color 31.6569, 22.2957,

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

31.6569, 22.2957, 13.2247

Protanopia

21.2242, 22.4727, 17.6870

Deuteranopia

22.8471, 22.4564, 12.5815



Tritanopia

31.8948, 22.2458, 14.9248

Trichromacy



Original Color

31.6569, 22.2957, 13.2247

Protanomaly

24.0814, 21.7429, 16.0243

Deuteranomaly

25.3612, 21.7886, 12.7665

Tritanomaly

31.7504, 22.1881, 14.1646

Monochromacy



Original Color

31.6569, 22.2957, 13.2247

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

23.4183, 21.1516, 19.3714

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.6569, 22.2957, 13.2247 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(206, 96, 94)` looks like.

```
.text, #text, p{  
    color:rgb(206, 96, 94)  
}
```

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(206, 96, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 96, 94) }
```

Border

The CSS property to change the border of an element to XYZ 31.6569, 22.2957, 13.2247 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(206, 96, 94) }
```


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

```
.border{ border-color:rgb(206, 96, 94) }
```

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

Here you see how a box with a 4 pixel rgb(206, 96, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 96, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 96, 94);  
box-shadow:4px 4px 4px 4px rgb(206, 96,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 31.6569, 22.2957, 13.2247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 96, 94) }
```

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

```
.background{ background-color: rgb(206, 96,  
94) }
```

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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