

Converting Colors

XYZ(31.2281, 34.1408, 56.5737)

Have a look what the booklet for
XYZ(31.2281, 34.1408, 56.5737)
contains.

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Color

**XYZ(31.2281, 34.1408,
56.5737)**

Conversions

Conversions Part 1

Format	Color
Hex	7DA2C3
RGB	125, 162, 195
RGB Percent	49%, 64%, 76%
CMY	0.5098, 0.3647, 0.2353
CMYK	0.36, 0.17, 0.00, 0.24
HSL	208°, 37%, 63%
HSV	208°, 36%, 76%
XYZ	31.2281, 34.1408, 56.5737
YIQ	154.6990, -32.6450, 2.4190

Conversions

Conversions Part 2

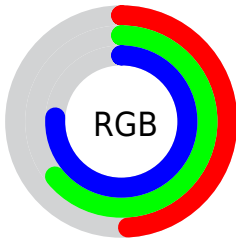
Format	Color
R _{YB}	125, 149, 195
Decimal	8233667
CIE Lab	65.07, -4.44, -21.00
CIE LCh	65, 21.467, 258.059
Yxy	34.1408, 0.2561, 0.2800
Android (android.graphics.Color)	4286423747 (0xFF7DA2C3)
YUV	154.6990, 19.8684, -26.0460
Hunter-Lab	58.4301, -6.8530, -16.5052

Details

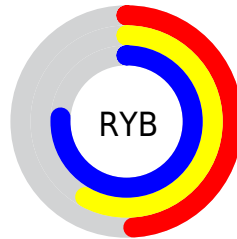
The XYZ color **31.2281, 34.1408, 56.5737** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **38.4348, 37.5370, 24.6226**, and the grayscale version is **30.9490, 32.5608, 35.4587**.

A 20% lighter version of the original color is **61.2059, 66.3573, 101.6778**, and **13.1313, 14.4914, 27.3043** is the 20% darker color. If you saturate the color by 10%, you get **27.0956, 29.6945, 55.9339**, and if you desaturate by 10%, it is **36.0400, 39.1147, 57.2807**.

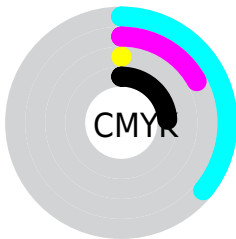
Distribution



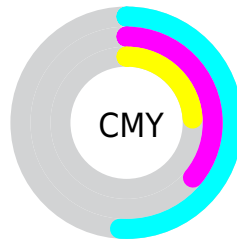
- Red (49%)
- Green (64%)
- Blue (76%)



- Red (49%)
- Yellow (58%)
- Blue (76%)



- Cyan (36%)
- Magenta (17%)
- Yellow (0%)
- Black (24%)



- Cyan (51%)
- Magenta (36%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.2281, 34.1408, 56.5737 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 31.2281, 34.1408, 56.5737 by changing the saturation by 10% instead.

■ 31.2281, 34.1408,
56.5737

■ 31.2281, 34.1408,
56.5737

■ 299.3959,
320.7594, 429.2989

■ 20.9253, 23.0018,
40.2560

■ 60.9724, 66.1526,
101.3370

■ 13.1815, 14.5948,
27.4229

■ 81.1446, 87.7941,
130.6198

■ 7.6315, 8.5355,
17.6558

■ 105.3373,
113.7053, 165.0612

■ 3.9099, 4.4395,
10.5363

■ 133.9159,
144.2705, 205.0800

■ 1.6513, 1.9223,
5.6457

■ 167.2457,
179.8741, 251.0946

■ 0.4255, 0.5617,
2.5656

■ 205.6921,

■ 0.0000, 0.0000,

220.9005, 303.5236

0.8746

249.6204,
267.7342, 362.7855

■ 0.0000, 0.0000,
0.0000

■ 31.2281, 34.1408,
56.5737

■ 31.2281, 34.1408,
56.5737

■ 27.0956, 29.6945,
55.9339

■ 36.0400, 39.1147,
57.2807

■ 23.6039, 25.7497,
55.3565

■ 41.5607, 44.6325,
58.0548

■ 20.7152, 22.2840,
54.8398

■ 47.8216, 50.7149,
58.8988

■ 18.3860, 19.2708,
54.3810

■ 54.8513, 57.3798,
59.8148

■ 16.5659, 16.6802,
53.9768

■ 62.6766, 64.6445,
60.8046

■ 15.1924, 14.4755,
53.6237

■ 71.3233, 72.5255,
61.8700

■ 14.7082, 13.6557,
53.4910

■ 78.3824, 79.7840,
62.8990

■ 80.9547, 84.9286,
63.7565

■ 83.6631, 90.3455,
64.6593

Harmonies

Analogous

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



28.6147, 34.1408, 51.4238



31.2281, 34.1408, 56.5737



34.3392, 34.1408, 55.9501

Triad

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



31.2281, 34.1408, 56.5737



38.4740, 34.1408, 32.1130



28.2017, 34.1408, 26.8612

Complementary

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



31.2281, 34.1408, 56.5737



38.4348, 37.5370, 24.6226

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.



30.6311, 34.1408, 23.1521



31.2281, 34.1408, 56.5737



36.6132, 34.1408, 25.8338

Square

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



31.2281, 34.1408, 56.5737



38.6593, 34.1408, 40.8311



33.7030, 34.1408, 22.8088



26.9436, 34.1408, 33.7412

Rectangle

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



31.2281, 34.1408, 56.5737



36.2778, 34.1408, 52.3554



33.7030, 34.1408, 22.8088



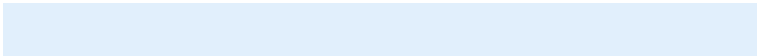
28.9010, 34.1408, 25.2531

Sweetspot

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



31.2292, 34.1421, 56.5745



79.5657, 84.9566, 104.6745



34.1163, 45.8481, 39.2499



17.0884, 18.2776, 22.8772



0.0000, 0.0000, 0.0000



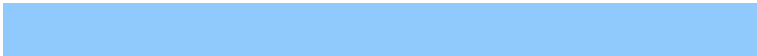
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



31.2292, 34.1421, 56.5745



50.0768, 54.8792, 100.4232



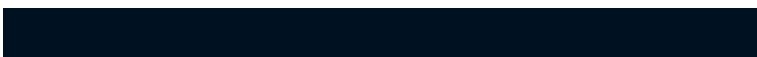
25.9412, 23.5661, 54.8118



9.9591, 10.6095, 12.8078



9.6442, 9.0449, 34.7942



0.4853, 0.5279, 1.5262

Inverse Universe

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



36.3618, 28.8789, 37.8416



60.8408, 44.9248, 60.8938



45.2044, 51.0762, 26.8792



10.2907, 10.1649, 11.6211



16.2639, 8.1953, 9.3019



0.7373, 0.3679, 0.5842

Previews

White Background



This preview shows how the XYZ color 31.2281, 34.1408, 56.5737 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 31.2281, 34.1408, 56.5737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

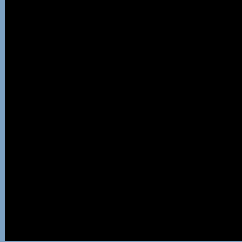
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.2281, 34.1408, 56.5737

Background



This preview shows how black text looks on a background with the XYZ color 31.2281, 34.1408, 56.5737.

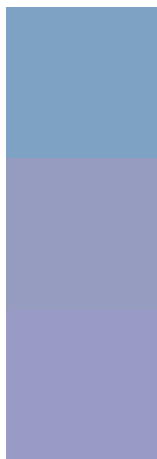


This preview shows how white text looks on a background with the XYZ color 31.2281, 34.1408,

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

31.2281, 34.1408, 56.5737

Protanopia

33.8701, 34.0226, 54.0721

Deuteranopia

34.7705, 33.9147, 57.5369



Tritanopia

29.3762, 34.1896, 47.1704

Trichromacy



Original Color

31.2281, 34.1408, 56.5737

Protanomaly

32.7258, 33.9222, 54.6920

Deuteranomaly

33.3485, 33.9391, 57.0178

Tritanomaly

29.9532, 34.1492, 50.3601

Monochromacy



Original Color

31.2281, 34.1408, 56.5737

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.9842, 33.2853, 42.8219

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.2281, 34.1408, 56.5737 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(125, 162, 195)` looks like.

```
.text, #text, p{  
    color:rgb(125, 162, 195)  
}
```

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(125, 162, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 162, 195) }
```

Border

The CSS property to change the border of an element to XYZ 31.2281, 34.1408, 56.5737 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(125, 162, 195) }
```


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

```
.border{ border-color:rgb(125, 162, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 162, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 162, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 162, 195);  
box-shadow:4px 4px 4px 4px rgb(125, 162,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 31.2281, 34.1408, 56.5737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 162, 195) }
```

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

```
.background{ background-color: rgb(125,  
162, 195) }
```

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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