

Converting Colors

XYZ(56.2556, 60.1173, 75.6633)

Have a look what the booklet for
XYZ(56.2556, 60.1173, 75.6633)
contains.

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Color

**XYZ(56.3433, 60.3335,
75.6937)**

Conversions

Conversions Part 1

Format	Color
Hex	BFCEDB
RGB	191, 206, 219
RGB Percent	75%, 81%, 86%
CMY	0.2510, 0.1921, 0.1412
CMYK	0.13, 0.06, 0.00, 0.14
HSL	208°, 28%, 80%
HSV	208°, 13%, 86%
XYZ	56.3433, 60.3335, 75.6937
YIQ	202.9970, -13.1130, 0.8630

Conversions

Conversions Part 2

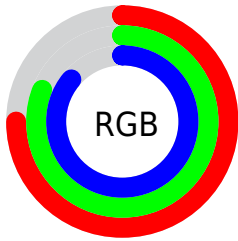
Format	Color
R_{YB}	191, 201, 219
Decimal	12570331
CIE _{Lab}	82.02, -2.47, -8.17
CIE _{LCh}	82, 8.541, 253.155
Yxy	60.3335, 0.2929, 0.3136
Android (android.graphics.Color)	4290760411 (0xFFBFCEDB)
YUV	202.9970, 7.8895, -10.5214
Hunter-Lab	77.6746, -6.4511, -3.4057

Details

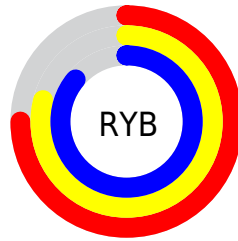
The XYZ color **56.3433, 60.3335, 75.6937** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.2104, 62.0068, 58.0862**, and the grayscale version is **56.7223, 59.6762, 64.9874**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **28.2456, 30.4552, 39.5117** is the 20% darker color. If you saturate the color by 10%, you get **48.8740, 52.9682, 74.6667**, and if you desaturate by 10%, it is **64.7979, 68.4449, 76.8147**.

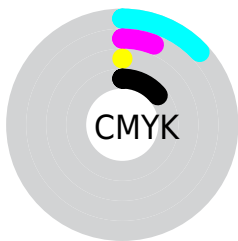
Distribution



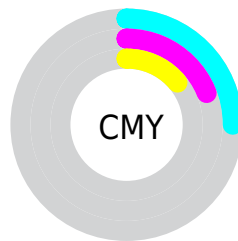
- Red (75%)
- Green (81%)
- Blue (86%)



- Red (75%)
- Yellow (79%)
- Blue (86%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)
- Black (14%)



- Cyan (25%)
- Magenta (19%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3433, 60.3335, 75.6937 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 56.3433, 60.3335, 75.6937 by changing the saturation by 10% instead.

■ 56.3433, 60.3335,
75.6937

■ 56.3433, 60.3335,
75.6937

401.0381,
425.8260, 499.6174

■ 40.7163, 43.6875,
55.6762

■ 98.6432, 105.3133,
129.0500

■ 28.2842, 30.4249,
39.5411

126.0469,
134.4159, 163.2258

■ 18.6815, 20.1613,
26.8699

158.1068,
168.4395, 202.9582

■ 11.5430, 12.5124,
17.2440

195.1884,
207.7684, 248.6657

■ 6.5033, 7.0936,
10.2448

237.6570,
252.7872, 300.7669

■ 3.1970, 3.5207,
5.4538

285.8778,

■ 1.2588, 1.4093,

303.8801, 359.6802

2.4526

340.2164,
361.4315, 425.8242

■ 0.1520, 0.2235,
0.8149

■ 0.0000, 0.0000,
0.0000

■ 56.3433, 60.3335,
75.6937

■ 56.3433, 60.3335,
75.6937

■ 48.8740, 52.9682,
74.6667

■ 64.7979, 68.4449,
76.8147

■ 42.3454, 46.3168,
73.7269

■ 74.2696, 77.3183,
78.0282

■ 36.7170, 40.3556,
72.8729

■ 84.1662, 86.6542,
79.3086

■ 31.9431, 35.0562,
72.1017

■ 87.1851, 92.6921,
80.3149

■ 27.9738, 30.3881,
71.4098

■ 89.7864, 97.8945,
81.1820

■ 24.7531, 26.3175,
70.7939

■ 22.2174, 22.8063,
70.2498

■ 20.2901, 19.8098,
69.7730

■ 19.1882, 17.9183,
69.4660

Harmonies

Analogous

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



54.8455, 60.3335, 72.7432



56.3433, 60.3335, 75.6937



58.1403, 60.3335, 75.8763

Triad

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



56.3433, 60.3335, 75.6937



60.7986, 60.3335, 63.4523



54.9993, 60.3335, 58.6918

Complementary

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



56.3433, 60.3335, 75.6937



60.2104, 62.0068, 58.0862

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.



56.5574, 60.3335, 56.4641



56.3433, 60.3335, 75.6937



59.9197, 60.3335, 59.1136

Square

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



56.3433, 60.3335, 75.6937



60.7384, 60.3335, 68.6216



58.3589, 60.3335, 56.6143



54.0808, 60.3335, 62.8488

Rectangle

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



56.3433, 60.3335, 75.6937



59.2682, 60.3335, 74.3889



58.3589, 60.3335, 56.6143



55.4642, 60.3335, 57.7025

Sweetspot

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



56.3451, 60.3360, 75.6950



89.9046, 95.1328, 108.2317



57.6695, 66.0808, 66.5918



19.0418, 20.1706, 23.1397



0.0000, 0.0000, 0.0000



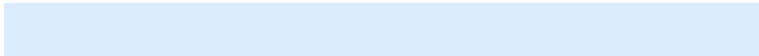
20.3446, 21.4041, 23.3091

Same Dimension

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



56.3451, 60.3360, 75.6950



76.9463, 82.6441, 106.5041



53.2106, 54.0670, 74.6502



12.9136, 13.7669, 16.6288



11.4883, 10.8461, 41.2264



0.8302, 0.8745, 2.6995

Inverse Universe

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



58.9861, 56.7791, 66.2461



81.3104, 76.8857, 90.8639



63.5861, 68.7582, 59.2115



13.3463, 13.1676, 15.0846



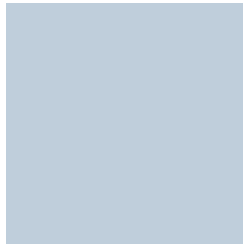
19.2941, 9.7187, 11.1947



1.2933, 0.6470, 0.9537

Previews

White Background



This preview shows how the XYZ color 56.3433, 60.3335, 75.6937 looks on a white background.

Color Contrast Check

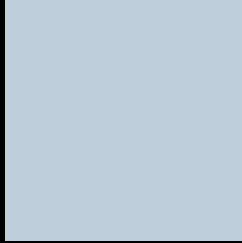
Large Text (above 18pt) WCAG AA × Fail

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 56.3433, 60.3335, 75.6937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

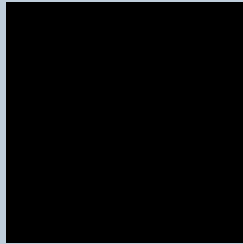
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

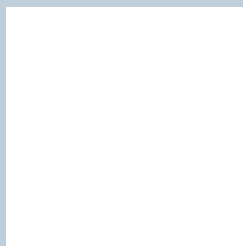
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.3433, 60.3335, 75.6937

Background



This preview shows how black text looks on a background with the XYZ color 56.3433, 60.3335, 75.6937.



This preview shows how white text looks on a background with the XYZ color 56.3433, 60.3335,

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

56.3433, 60.3335, 75.6937

Protanopia

58.5468, 60.0882, 74.1581

Deuteranopia

61.5641, 60.2076, 76.7831



Tritanopia

56.9944, 60.6230, 77.8047

Trichromacy



Original Color

56.3433, 60.3335, 75.6937

Protanomaly

57.5640, 59.9159, 74.8607

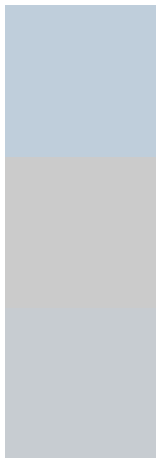
Deuteranomaly

59.5370, 60.2060, 76.1931

Tritanomaly

56.8607, 60.5695, 77.1008

Monochromacy



Original Color

56.3433, 60.3335, 75.6937

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.6547, 59.9313, 68.9035

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3433, 60.3335, 75.6937 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(191, 206, 219)` looks like.

```
.text, #text, p{  
    color:rgb(191, 206, 219)  
}
```

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(191, 206, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 206, 219) }
```

Border

The CSS property to change the border of an element to XYZ 56.3433, 60.3335, 75.6937 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(191, 206, 219) }
```


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

```
.border{ border-color:rgb(191, 206, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 206, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 206, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 206, 219);  
box-shadow:4px 4px 4px 4px rgb(191, 206,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3433, 60.3335, 75.6937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 206, 219) }
```

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

```
.background{ background-color: rgb(191,  
206, 219) }
```

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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