

Converting Colors

XYZ(53.2437, 56.0922, 66.1597)

Have a look what the booklet for
XYZ(53.2437, 56.0922, 66.1597)
contains.

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Color

**XYZ(53.3270, 56.1819,
66.4261)**

Conversions

Conversions Part 1

Format	Color
Hex	C1C6CE
RGB	193, 198, 206
RGB Percent	76%, 78%, 81%
CMY	0.2431, 0.2235, 0.1922
CMYK	0.06, 0.04, 0.00, 0.19
HSL	217°, 12%, 78%
HSV	217°, 6%, 81%
XYZ	53.3270, 56.1819, 66.4261
YIQ	197.4170, -5.5480, 1.4280

Conversions

Conversions Part 2

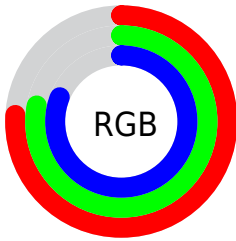
Format	Color
R _Y B	193, 197, 206
Decimal	12699342
CIE Lab	79.72, -0.19, -4.60
CIE LCh	80, 4.599, 267.681
Yxy	56.1819, 0.3031, 0.3193
Android (android.graphics.Color)	4290889422 (0xFFC1C6CE)
YUV	197.4170, 4.2314, -3.8737
Hunter-Lab	74.9546, -4.1754, -0.0757

Details

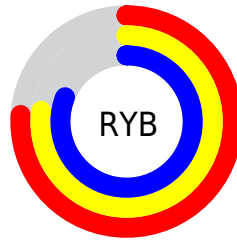
The XYZ color **53.3270, 56.1819, 66.4261** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.9660, 58.7448, 58.8421**, and the grayscale version is **53.3020, 56.0778, 61.0687**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **26.2882, 27.7025, 33.6673** is the 20% darker color. If you saturate the color by 10%, you get **45.6609, 48.1098, 65.2729**, and if you desaturate by 10%, it is **61.9702, 65.1206, 67.6968**.

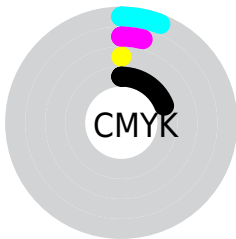
Distribution



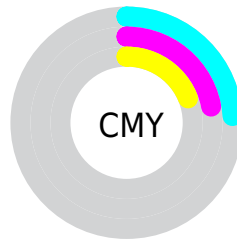
- Red (76%)
- Green (78%)
- Blue (81%)



- Red (76%)
- Yellow (77%)
- Blue (81%)



- Cyan (6%)
- Magenta (4%)
- Yellow (0%)
- Black (19%)



- Cyan (24%)
- Magenta (22%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3270, 56.1819, 66.4261 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 53.3270, 56.1819, 66.4261 by changing the saturation by 10% instead.

■ 53.3270, 56.1819,
66.4261

■ 53.3270, 56.1819,
66.4261

389.7788,
410.3766, 466.3450

■ 38.2924, 40.3488,
48.1597

■ 94.2481, 99.2705,
115.7305

■ 26.3880, 27.8106,
33.5925

120.8652,
127.2947, 147.6056

■ 17.2483, 18.1829,
22.3059

152.0740,
160.1515, 184.8541

■ 10.5081, 11.0814,
13.8814

188.2397,
198.2252, 227.8943

■ 5.8019, 6.1216,
7.9004

229.7276,
241.9001, 277.1450

■ 2.7645, 2.9192,
3.9444

276.9032,

■ 1.0305, 1.0897,

291.5607, 333.0247

1.5949

330.1318,
347.5915, 395.9518

■ 0.0000, 0.0000,
0.2872

■ 0.0000, 0.0000,
0.0000

■ 53.3270, 56.1819,
66.4261

■ 53.3270, 56.1819,
66.4261

■ 45.6609, 48.1098,
65.2729

■ 61.9702, 65.1206,
67.6968

■ 38.9311, 40.8698,
64.2302

■ 71.6196, 74.9447,
69.0844

■ 33.1009, 34.4355,
63.2955

■ 82.3093, 85.6815,
70.5934

■ 28.1293, 28.7762,
62.4652

■ 86.1614, 93.2776,
71.8566

■ 23.9718, 23.8591,
61.7352

■ 88.1407, 97.2363,
72.5164

■ 20.5798, 19.6487,
61.1013

■ 17.8986, 16.1060,
60.5588

■ 15.8657, 13.1871,
60.1026

■ 14.4029, 10.8394,
59.7265

Harmonies

Analogous

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



52.4502, 56.1819, 65.5970



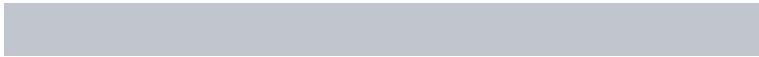
53.3270, 56.1819, 66.4261



54.2331, 56.1819, 65.8140

Triad

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



53.3270, 56.1819, 66.4261



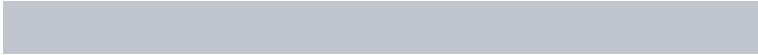
54.9962, 56.1819, 58.8274



51.9043, 56.1819, 58.4789

Complementary

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



53.3270, 56.1819, 66.4261



55.9660, 58.7448, 58.8421

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.



52.5739, 56.1819, 56.7546



53.3270, 56.1819, 66.4261



54.3596, 56.1819, 56.9516

Square

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



53.3270, 56.1819, 66.4261



55.2034, 56.1819, 61.3797



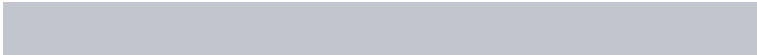
53.4715, 56.1819, 56.2035



51.6348, 56.1819, 60.9659

Rectangle

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



53.3270, 56.1819, 66.4261



54.7305, 56.1819, 64.6807



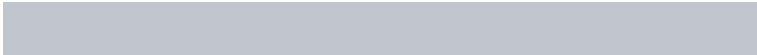
53.4715, 56.1819, 56.2035



52.0897, 56.1819, 57.7936

Sweetspot

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



53.3286, 56.1843, 66.4273



92.2058, 97.0602, 108.4825



54.5836, 59.6887, 63.7802



19.7657, 20.8058, 23.2241



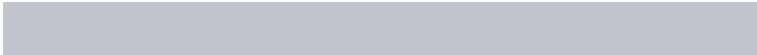
0.0000, 0.0000, 0.0000



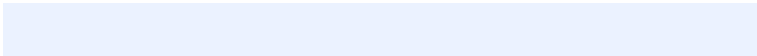
20.3446, 21.4041, 23.3091

Same Dimension

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



53.3286, 56.1843, 66.4273



84.0656, 88.5873, 107.2761



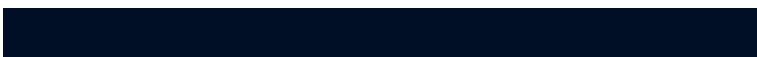
52.5367, 54.1062, 66.0680



10.9498, 11.5401, 14.2207



8.6816, 6.3873, 36.7316



0.5208, 0.4754, 1.9192

Inverse Universe

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



54.7179, 55.3401, 61.2267



86.9288, 86.8858, 96.5491



56.7920, 60.9303, 59.2205



11.3880, 11.2839, 12.5780



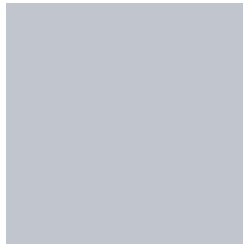
16.5930, 8.4478, 5.5754



0.8928, 0.4505, 0.4815

Previews

White Background



This preview shows how the XYZ color 53.3270, 56.1819, 66.4261 looks on a white background.

Color Contrast Check

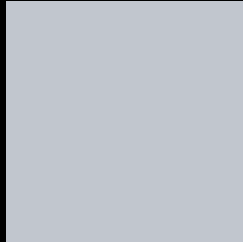
Large Text (above 18pt) WCAG AA × Fail

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 53.3270, 56.1819, 66.4261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

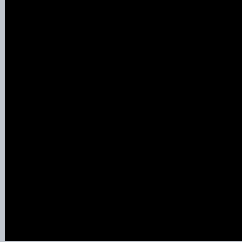
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

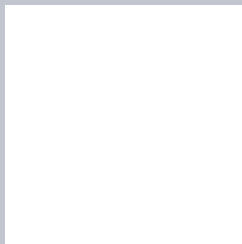
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.3270, 56.1819, 66.4261

Background



This preview shows how black text looks on a background with the XYZ color 53.3270, 56.1819, 66.4261.



This preview shows how white text looks on a background with the XYZ color 53.3270, 56.1819,

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

53.3270, 56.1819, 66.4261

Protanopia

54.3126, 56.0297, 65.7099

Deuteranopia

57.2635, 56.2013, 66.8613



Tritanopia

54.2246, 56.2059, 70.9417

Trichromacy



Original Color

53.3270, 56.1819, 66.4261

Protanomaly

54.0117, 56.2106, 65.7606

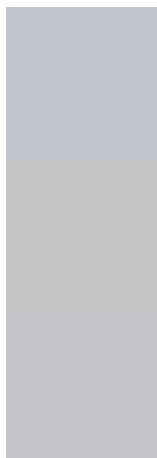
Deuteranomaly

55.7311, 56.0677, 66.9163

Tritanomaly

53.8472, 56.0550, 68.9544

Monochromacy



Original Color

53.3270, 56.1819, 66.4261

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.1565, 55.8384, 62.6198

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3270, 56.1819, 66.4261 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(193, 198, 206)` looks like.

```
.text, #text, p{  
    color:rgb(193, 198, 206)  
}
```

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(193, 198, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 198, 206) }
```

Border

The CSS property to change the border of an element to XYZ 53.3270, 56.1819, 66.4261 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(193, 198, 206) }
```


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

```
.border{ border-color:rgb(193, 198, 206) }
```

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

Here you see how a box with a 4 pixel rgb(193, 198, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 198, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 198, 206);  
box-shadow:4px 4px 4px 4px rgb(193, 198,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3270, 56.1819, 66.4261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 198, 206) }
```

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

```
.background{ background-color: rgb(193,  
198, 206) }
```

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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