

Converting Colors

XYZ(53.8739, 56.6813, 72.0352)

Have a look what the booklet for
XYZ(53.8739, 56.6813, 72.0352)
contains.

XYZ(53.7962, 56.6490, 71.7173)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.7962, 56.6490,
71.7173)**

Conversions

Conversions Part 1

Format	Color
Hex	BEC7D6
RGB	190, 199, 214
RGB Percent	75%, 78%, 84%
CMY	0.2549, 0.2196, 0.1608
CMYK	0.11, 0.07, 0.00, 0.16
HSL	217°, 23%, 79%
HSV	217°, 11%, 84%
XYZ	53.7962, 56.6490, 71.7173
YIQ	198.0190, -10.1790, 2.7570

Conversions

Conversions Part 2

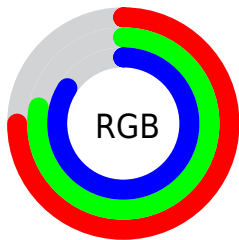
Format	Color
R _Y B	190, 197, 214
Decimal	12502998
CIE Lab	79.98, -0.12, -8.53
CIE LCh	80, 8.529, 269.192
Yxy	56.6490, 0.2953, 0.3110
Android (android.graphics.Color)	4290693078 (0xFFBEC7D6)
YUV	198.0190, 7.8786, -7.0327
Hunter-Lab	75.2655, -4.1314, -3.8090

Details

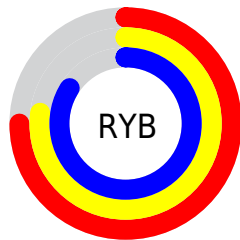
The XYZ color **53.7962, 56.6490, 71.7173** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.8574, 61.6762, 57.5188**, and the grayscale version is **53.6475, 56.4413, 61.4646**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **26.6999, 28.0724, 36.8122** is the 20% darker color. If you saturate the color by 10%, you get **45.8961, 48.2090, 70.5055**, and if you desaturate by 10%, it is **62.7549, 66.0391, 73.0585**.

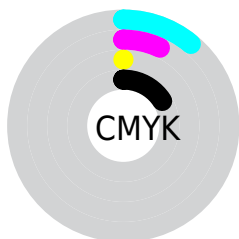
Distribution



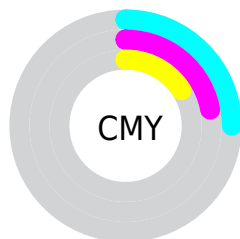
- Red (75%)
- Green (78%)
- Blue (84%)



- Red (75%)
- Yellow (77%)
- Blue (84%)



- Cyan (11%)
- Magenta (7%)
- Yellow (0%)
- Black (16%)



- Cyan (25%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7962, 56.6490, 71.7173 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 53.7962, 56.6490, 71.7173 by changing the saturation by 10% instead.

■ 53.7962, 56.6490,
71.7173

■ 53.7962, 56.6490,
71.7173

391.5434,
412.1328, 485.5081

■ 38.6688, 40.7235,
52.4424

■ 94.9336, 99.9529,
123.3585

■ 26.6817, 28.1031,
36.9731

121.6743,
128.1000, 156.5618

■ 17.4697, 18.4034,
24.8911

153.0167,
161.0898, 195.2450

■ 10.6673, 11.2400,
15.7776

189.3264,
199.3067, 239.8267

■ 5.9092, 6.2285,
9.2143

230.9685,
243.1350, 290.7252

■ 2.8301, 2.9845,
4.7825

278.3085,

■ 1.0646, 1.1237,

292.9592, 348.3593

2.0637

331.7117,
349.1637, 413.1474

■ 0.0000, 0.0000,
0.5940

■ 0.0000, 0.0000,
0.0000

■ 53.7962, 56.6490,
71.7173

■ 53.7962, 56.6490,
71.7173

■ 45.8961, 48.2090,
70.5055

■ 62.7549, 66.0391,
73.0585

■ 39.0085, 40.6806,
69.4154

■ 72.8058, 76.4021,
74.5290

■ 33.0913, 34.0329,
68.4441

■ 83.9872, 87.7687,
76.1337

■ 28.0975, 28.2305,
67.5873

■ 88.3438, 96.0471,
77.5019

■ 23.9756, 23.2351,
66.8404

■ 89.1378, 97.6351,
77.7666

■ 20.6688, 19.0051,
66.1982

■ 18.1127, 15.4943,
65.6553

■ 16.2316, 12.6499,
65.2054

■ 15.0266, 10.6328,
64.8796

Harmonies

Analogous

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



52.1555, 56.6490, 70.2405



53.7962, 56.6490, 71.7173



55.4838, 56.6490, 70.3873

Triad

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



53.7962, 56.6490, 71.7173



56.8030, 56.6490, 57.1455



51.0333, 56.6490, 56.9243

Complementary

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



53.7962, 56.6490, 71.7173



58.8574, 61.6762, 57.5188

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.



52.2352, 56.6490, 53.7242



53.7962, 56.6490, 71.7173



55.5668, 56.6490, 53.8470

Square

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



53.7962, 56.6490, 71.7173



57.2421, 56.6490, 61.8158



53.8902, 56.6490, 52.6279



50.5816, 56.6490, 61.5467

Rectangle

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



53.7962, 56.6490, 71.7173



56.4033, 56.6490, 68.1263



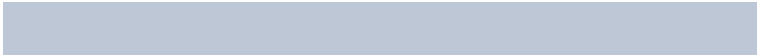
53.8902, 56.6490, 52.6279



51.3617, 56.6490, 55.6558

Sweetspot

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



53.7979, 56.6514, 71.7186



90.7852, 95.5656, 108.2689



56.2781, 63.4394, 66.9109



19.1932, 20.2061, 23.1385



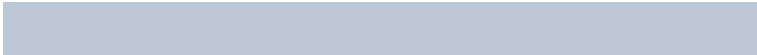
0.0000, 0.0000, 0.0000



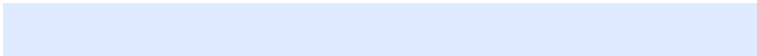
20.3446, 21.4041, 23.3091

Same Dimension

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



53.7979, 56.6514, 71.7186



77.6323, 81.7340, 106.2923



52.4934, 52.9942, 71.0814



12.1205, 12.7644, 15.7625



9.1748, 6.6113, 39.2457



0.6317, 0.5554, 2.3932

Inverse Universe

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



56.4551, 55.2478, 61.7239



82.2137, 79.3798, 89.0455



60.2631, 65.6902, 58.2195



12.6140, 12.4971, 13.9076



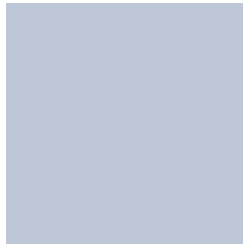
17.6899, 9.0123, 5.6709



1.1065, 0.5594, 0.5502

Previews

White Background



This preview shows how the XYZ color 53.7962, 56.6490, 71.7173 looks on a white background.

Color Contrast Check

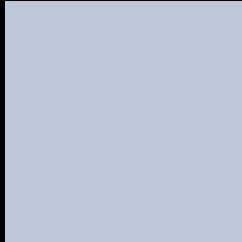
Large Text (above 18pt) WCAG AA × Fail

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 53.7962, 56.6490, 71.7173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

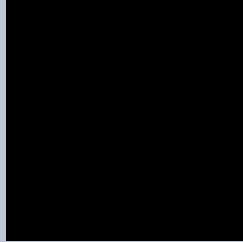
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.7962, 56.6490, 71.7173

Background



This preview shows how black text looks on a background with the XYZ color 53.7962, 56.6490, 71.7173.

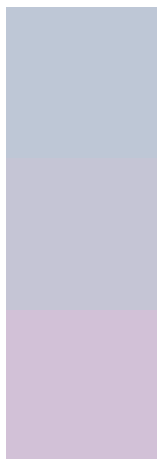


This preview shows how white text looks on a background with the XYZ color 53.7962, 56.6490,

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

53.7962, 56.6490, 71.7173

Protanopia

55.0025, 56.6069, 70.9781

Deuteranopia

57.9140, 56.7479, 72.1910



Tritanopia

53.9244, 56.7003, 72.3921

Trichromacy



Original Color

53.7962, 56.6490, 71.7173

Protanomaly

54.4525, 56.6616, 71.0176

Deuteranomaly

56.4095, 56.6330, 72.2481

Tritanomaly

53.9244, 56.7003, 72.3921

Monochromacy



Original Color

53.7962, 56.6490, 71.7173

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.5988, 56.3499, 65.1784

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7962, 56.6490, 71.7173 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(190, 199, 214)` looks like.

```
.text, #text, p{  
    color:rgb(190, 199, 214)  
}
```

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(190, 199, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 199, 214) }
```

Border

The CSS property to change the border of an element to XYZ 53.7962, 56.6490, 71.7173 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(190, 199, 214) }
```


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

```
.border{ border-color:rgb(190, 199, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 199, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 199, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 199, 214);  
box-shadow:4px 4px 4px 4px rgb(190, 199,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7962, 56.6490, 71.7173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 199, 214) }
```

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

```
.background{ background-color: rgb(190,  
199, 214) }
```

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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