

Converting Colors

XYZ(54.5276, 56.7373, 72.1903)

Have a look what the booklet for
XYZ(54.5276, 56.7373, 72.1903)
contains.

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Color

**XYZ(54.4521, 56.6319,
72.3511)**

Conversions

Conversions Part 1

Format	Color
Hex	C1C6D7
RGB	193, 198, 215
RGB Percent	76%, 78%, 84%
CMY	0.2431, 0.2235, 0.1569
CMYK	0.10, 0.08, 0.00, 0.16
HSL	226°, 22%, 80%
HSV	226°, 10%, 84%
XYZ	54.4521, 56.6319, 72.3511
YIQ	198.4430, -8.4370, 4.2270

Conversions

Conversions Part 2

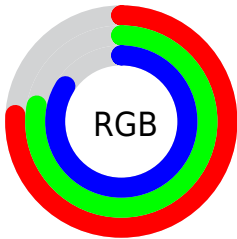
Format	Color
R_{YB}	193, 197, 215
Decimal	12699351
CIE Lab	79.97, 1.60, -9.06
CIE LCh	80, 9.196, 279.991
Yxy	56.6319, 0.2968, 0.3087
Android (android.graphics.Color)	4290889431 (0xFFC1C6D7)
YUV	198.4430, 8.1626, -4.7735
Hunter-Lab	75.2542, -2.5365, -4.3249

Details

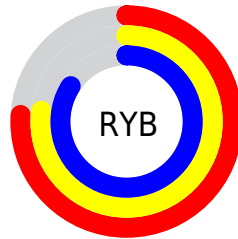
The XYZ color **54.4521, 56.6319, 72.3511** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.6967, 64.3900, 59.6825**, and the grayscale version is **53.9029, 56.7101, 61.7573**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **26.9659, 27.9736, 37.2359** is the 20% darker color. If you saturate the color by 10%, you get **45.7740, 46.8288, 70.9172**, and if you desaturate by 10%, it is **64.3468, 67.6833, 73.9636**.

Distribution



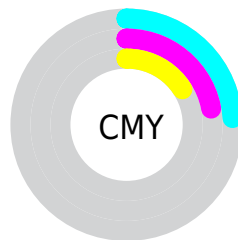
- Red (76%)
- Green (78%)
- Blue (84%)



- Red (76%)
- Yellow (77%)
- Blue (84%)



- Cyan (10%)
- Magenta (8%)
- Yellow (0%)
- Black (16%)



- Cyan (24%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4521, 56.6319, 72.3511 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 54.4521, 56.6319, 72.3511 by changing the saturation by 10% instead.

■ 54.4521, 56.6319,
72.3511

■ 54.4521, 56.6319,
72.3511

394.0019,
412.0686, 487.7731

■ 39.1953, 40.7098,
52.9569

■ 95.8907, 99.9279,
124.2679

■ 27.0931, 28.0924,
37.3809

122.8033,
128.0705, 157.6277

■ 17.7801, 18.3953,
25.2045

154.3319,
161.0555, 196.4797

■ 10.8910, 11.2342,
16.0090

190.8418,
199.2671, 241.2426

■ 6.0603, 6.2246,
9.3761

232.6984,
243.0899, 292.3348

■ 2.9228, 2.9821,
4.8872

280.2671,

■ 1.1131, 1.1224,

292.9081, 350.1750

2.1236

333.9131,
349.1062, 415.1815

■ 0.0360, 0.0000,
0.6298

■ 0.0000, 0.0000,
0.0000

■ 54.4521, 56.6319,
72.3511

■ 54.4521, 56.6319,
72.3511

■ 45.7740, 46.8288,
70.9172

■ 64.3468, 67.6833,
73.9636

■ 38.2598, 38.2225,
69.6520

■ 75.4979, 80.0181,
75.7567

■ 31.8605, 30.7683,
68.5505

■ 87.0232, 93.2010,
77.6938

■ 26.5213, 24.4160,
67.6058

■ 89.2659, 97.6864,
78.4414

■ 22.1829, 19.1113,
66.8106

■ 18.7798, 14.7954,
66.1569

■ 16.2382, 11.4030,
65.6360

■ 14.4722, 8.8599,
65.2382

■ 13.3597, 7.0940,
64.9560

Harmonies

Analogous

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



52.6080, 56.6319, 71.8355



54.4521, 56.6319, 72.3511



56.1669, 56.6319, 69.8788

Triad

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



54.4521, 56.6319, 72.3511



56.6242, 56.6319, 55.2889



50.5240, 56.6319, 58.2114

Complementary

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



54.4521, 56.6319, 72.3511



60.6967, 64.3900, 59.6825

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.



51.5528, 56.6319, 54.1169



54.4521, 56.6319, 72.3511



55.0645, 56.6319, 52.4984

Square

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



54.4521, 56.6319, 72.3511



57.4400, 56.6319, 59.8961



53.2065, 56.6319, 52.0821



50.3686, 56.6319, 63.4633

Rectangle

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



54.4521, 56.6319, 72.3511



56.9955, 56.6319, 66.9483



53.2065, 56.6319, 52.0821



50.7780, 56.6319, 56.6626

Sweetspot

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



54.4538, 56.6343, 72.3524



90.4347, 94.8647, 108.1520



57.9099, 64.5858, 70.3007



19.0988, 20.0174, 23.1071



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.



54.4538, 56.6343, 72.3524



77.5910, 80.4841, 106.0532



54.8545, 55.1711, 72.0488



11.9694, 12.4623, 15.7121



8.0571, 4.3759, 38.8731



0.5495, 0.3910, 2.3658

Inverse Universe

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



57.2886, 56.6654, 61.3469



82.4778, 80.5764, 87.0729



60.2592, 66.0269, 60.0215



12.5378, 12.4666, 13.5062



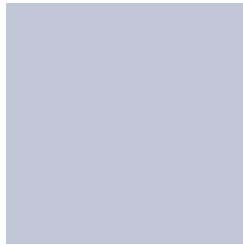
17.1257, 8.7866, 2.7000



1.0650, 0.5428, 0.3317

Previews

White Background



This preview shows how the XYZ color 54.4521, 56.6319, 72.3511 looks on a white background.

Color Contrast Check

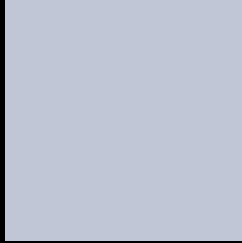
Large Text (above 18pt) WCAG AA × Fail

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 54.4521, 56.6319, 72.3511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

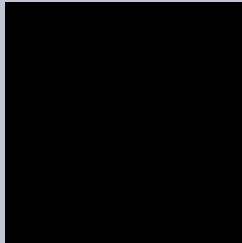
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

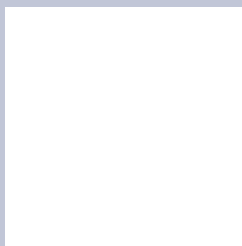
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.4521, 56.6319, 72.3511

Background



This preview shows how black text looks on a background with the XYZ color 54.4521, 56.6319, 72.3511.

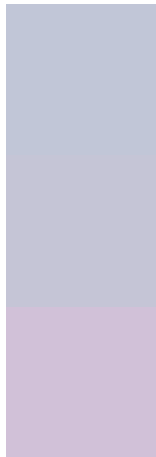


This preview shows how white text looks on a background with the XYZ color 54.4521, 56.6319,

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

54.4521, 56.6319, 72.3511

Protanopia

55.1298, 56.6579, 71.6487

Deuteranopia

57.7591, 56.6531, 72.8567



Tritanopia

54.3240, 56.5807, 71.6763

Trichromacy



Original Color

54.4521, 56.6319, 72.3511

Protanomaly

54.8688, 56.5233, 71.6365

Deuteranomaly

56.5384, 56.6846, 72.9271

Tritanomaly

54.3240, 56.5807, 71.6763

Monochromacy



Original Color

54.4521, 56.6319, 72.3511

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.8581, 56.4836, 65.1905

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4521, 56.6319, 72.3511 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, 215)` looks like.

```
.text, #text, p{  
    color:rgb(193, 198, 215)  
}
```

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, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 198, 215) }
```

Border

The CSS property to change the border of an element to XYZ 54.4521, 56.6319, 72.3511 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, 215) }
```


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

```
.border{ border-color:rgb(193, 198, 215) }
```

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, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 198, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 198, 215);  
box-shadow:4px 4px 4px 4px rgb(193, 198,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4521, 56.6319, 72.3511 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, 215) }
```

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

```
.background{ background-color: rgb(193,  
198, 215) }
```

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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