

Converting Colors

XYZ(56.0943, 54.7561, 90.0553)

Have a look what the booklet for
XYZ(56.0943, 54.7561, 90.0553)
contains.

XYZ(56.0972, 54.7593, 90.0510)	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(56.0972, 54.7593,
90.0510)**

Conversions

Conversions Part 1

Format	Color
Hex	C0BFF0
RGB	192, 191, 240
RGB Percent	75%, 75%, 94%
CMY	0.2470, 0.2510, 0.0588
CMYK	0.20, 0.20, 0.00, 0.06
HSL	241°, 62%, 85%
HSV	241°, 20%, 94%
XYZ	56.0972, 54.7593, 90.0510
YIQ	196.8850, -15.1330, 15.4510

Conversions

Conversions Part 2

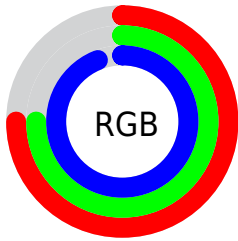
Format	Color
RYB	192, 191, 240
Decimal	12632048
CIELab	78.90, 10.35, -24.11
CIELCh	79, 26.234, 293.228
Yxy	54.7593, 0.2792, 0.2726
Android (android.graphics.Color)	4290822128 (0xFFC0BFF0)
YUV	196.8850, 21.2557, -4.2841
Hunter-Lab	73.9995, 5.8172, -20.3511

Details

The XYZ color **56.0972, 54.7593, 90.0510** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.1623, 84.4338, 61.5757**, and the grayscale version is **52.8853, 55.6395, 60.5914**.

A 20% lighter version of the original color is **90.3777, 93.8813, 107.9652**, and **28.2214, 27.0409, 49.0794** is the 20% darker color. If you saturate the color by 10%, you get **45.8011, 42.3091, 88.1914**, and if you desaturate by 10%, it is **68.2053, 69.4193, 92.2434**.

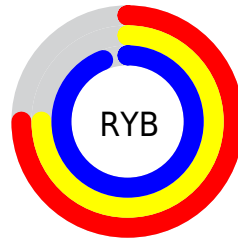
Distribution



Red (75%)

Green (75%)

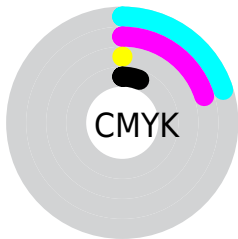
Blue (94%)



Red (75%)

Yellow (75%)

Blue (94%)

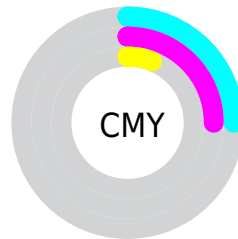


Cyan (20%)

Magenta (20%)

Yellow (0%)

Black (6%)



Cyan (25%)

Magenta (25%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0972, 54.7593, 90.0510 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 56.0972, 54.7593, 90.0510 by changing the saturation by 10% instead.

■ 56.0972, 54.7593,
90.0510

■ 56.0972, 54.7593,
90.0510

400.1268,
404.9989, 548.7711

■ 40.5182, 39.2090,
67.4490

■ 98.2857, 97.1882,
149.3454

■ 28.1288, 26.9224,
48.9857

125.6258,
124.8356, 186.8748

■ 18.5637, 17.5149,
34.2426

157.6170,
157.2843, 230.2172

■ 11.4576, 10.6023,
22.8012

194.6247,
194.9184, 279.7909

■ 6.4451, 5.8001,
14.2429

237.0141,
238.1226, 336.0147

■ 3.1608, 2.7239,
8.1491

285.1507,

■ 1.2393, 0.9894,

287.2811, 399.3069

4.1014

339.3998,
342.7784, 470.0862

■ 0.1371, 0.0000,
1.6811

■ 0.0000, 0.0000,
0.3477

■ 56.0972, 54.7593,
90.0510

■ 56.0972, 54.7593,
90.0510

■ 45.8011, 42.3091,
88.1914

■ 68.2053, 69.4193,
92.2434

■ 37.2250, 31.9554,
86.6450

■ 82.2010, 86.3819,
94.7798

■ 30.2768, 23.5849,
85.3955

■ 92.7283, 99.0713,
96.6743

■ 24.8534, 17.0708,
84.4240

■ 20.8405, 12.2719,
83.7092

■ 18.1071, 9.0268,
83.2269

■ 16.4981, 7.1431,
82.9481

■ 15.7896, 6.3229,
82.8272

Harmonies

Analogous

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



50.8752, 54.7593, 92.8769



56.0972, 54.7593, 90.0510



60.4875, 54.7593, 78.4918

Triad

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



56.0972, 54.7593, 90.0510



58.2746, 54.7593, 39.4753



42.7230, 54.7593, 56.3056

Complementary

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



56.0972, 54.7593, 90.0510



76.1623, 84.4338, 61.5757

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.



44.4308, 54.7593, 44.0508



56.0972, 54.7593, 90.0510



53.2368, 54.7593, 35.4386

Square

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



56.0972, 54.7593, 90.0510



61.8021, 54.7593, 49.0130



48.1967, 54.7593, 36.9618



43.3767, 54.7593, 71.6646

Rectangle

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



56.0972, 54.7593, 90.0510



62.2356, 54.7593, 68.2877



48.1967, 54.7593, 36.9618



43.0360, 54.7593, 51.7251

Sweetspot

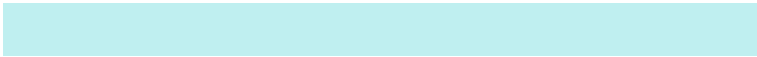
The Sweet Spot groups the original color and five complimentary colors.



56.0989, 54.7615, 90.0522



85.0610, 87.8910, 107.0892



68.1358, 79.2093, 94.1367



17.9842, 18.5428, 22.8812



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.



56.0989, 54.7615, 90.0522



59.8152, 57.3230, 102.5196



62.7733, 58.2023, 90.3646



14.9270, 15.2441, 19.8773



8.6567, 3.4681, 45.3410



0.7306, 0.2939, 3.7724

Inverse Universe

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



70.1476, 62.0210, 89.9373



78.3371, 66.8945, 102.3415



68.4970, 80.4822, 61.2170



16.4396, 16.0255, 19.8709



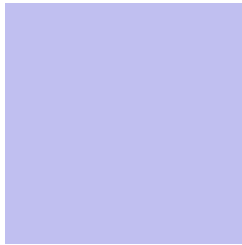
27.8952, 13.4305, 44.2263



2.3250, 1.1191, 3.7024

Previews

White Background



This preview shows how the XYZ color 56.0972, 54.7593, 90.0510 looks on a white background.

Color Contrast Check

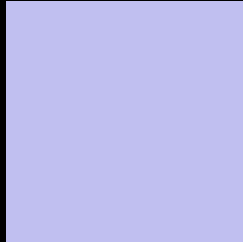
Large Text (above 18pt) WCAG AA × Fail

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 56.0972, 54.7593, 90.0510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

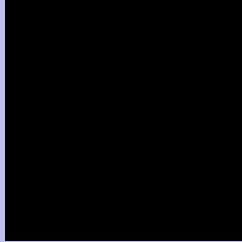
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.0972, 54.7593, 90.0510

Background



This preview shows how black text looks on a background with the XYZ color 56.0972, 54.7593, 90.0510.

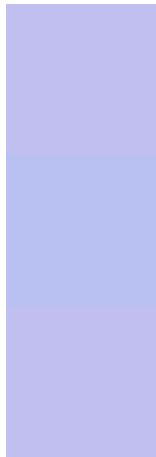


This preview shows how white text looks on a background with the XYZ color 56.0972, 54.7593,

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

56.0972, 54.7593, 90.0510

Protanopia

54.8641, 54.7411, 91.6788

Deuteranopia

56.0972, 54.7593, 90.0510



Tritanopia

52.1171, 54.7981, 70.1176

Trichromacy



Original Color

56.0972, 54.7593, 90.0510

Protanomaly

55.2203, 54.6149, 90.8504

Deuteranomaly

56.0972, 54.7593, 90.0510

Tritanomaly

53.4629, 54.6763, 76.8430

Monochromacy



Original Color

56.0972, 54.7593, 90.0510

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.0310, 55.4364, 70.8033

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0972, 54.7593, 90.0510 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(192, 191, 240)` looks like.

```
.text, #text, p{  
    color:rgb(192, 191, 240)  
}
```

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(192, 191, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 191, 240) }
```

Border

The CSS property to change the border of an element to XYZ 56.0972, 54.7593, 90.0510 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(192, 191, 240) }
```


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

```
.border{ border-color:rgb(192, 191, 240) }
```

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

Here you see how a box with a 4 pixel rgb(192, 191, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 191, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 191, 240);  
box-shadow:4px 4px 4px 4px rgb(192, 191,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0972, 54.7593, 90.0510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 191, 240) }
```

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

```
.background{ background-color: rgb(192,  
191, 240) }
```

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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