

Converting Colors

XYZ(53.2508, 54.1129, 72.3837)

Have a look what the booklet for
XYZ(53.2508, 54.1129, 72.3837)
contains.

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Color

**XYZ(53.2366, 53.9946,
72.5819)**

Conversions

Conversions Part 1

Format	Color
Hex	C1C0D8
RGB	193, 192, 216
RGB Percent	76%, 75%, 85%
CMY	0.2431, 0.2470, 0.1529
CMYK	0.11, 0.11, 0.00, 0.15
HSL	242°, 24%, 80%
HSV	242°, 11%, 85%
XYZ	53.2366, 53.9946, 72.5819
YIQ	195.0350, -7.1080, 7.6760

Conversions

Conversions Part 2

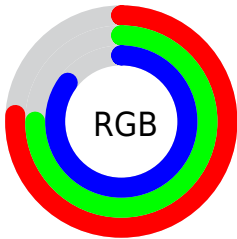
Format	Color
R_{YB}	193, 192, 216
Decimal	12697816
CIE _{Lab}	78.46, 5.01, -11.85
CIE _{LCh}	78, 12.865, 292.900
Yxy	53.9946, 0.2961, 0.3003
Android (android.graphics.Color)	4290887896 (0xFFC1C0D8)
YUV	195.0350, 10.3357, -1.7847
Hunter-Lab	73.4810, 0.7305, -7.1278

Details

The XYZ color **53.2366, 53.9946, 72.5819** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.0967, 67.3661, 59.6019**, and the grayscale version is **51.8374, 54.5369, 59.3907**.

A 20% lighter version of the original color is **91.0417, 94.6788, 108.0842**, and **26.3131, 26.5274, 37.4517** is the 20% darker color. If you saturate the color by 10%, you get **43.9245, 42.6638, 70.8865**, and if you desaturate by 10%, it is **63.9868, 67.1029, 74.5463**.

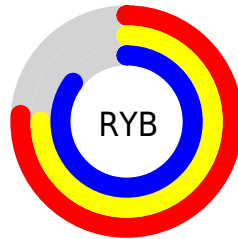
Distribution



Red (76%)

Green (75%)

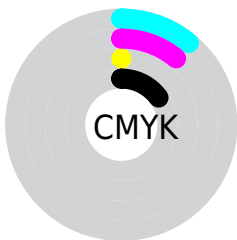
Blue (85%)



Red (76%)

Yellow (75%)

Blue (85%)

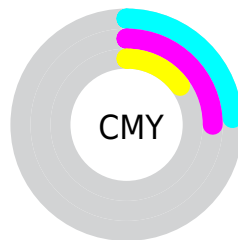


Cyan (11%)

Magenta (11%)

Yellow (0%)

Black (15%)



Cyan (24%)

Magenta (25%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.2366, 53.9946, 72.5819 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 53.2366, 53.9946, 72.5819 by changing the saturation by 10% instead.

■ 53.2366, 53.9946,
72.5819

■ 53.2366, 53.9946,
72.5819

389.4382,
402.0894, 488.5963

■ 38.2199, 38.5973,
53.1444

■ 94.1159, 96.0663,
124.5989

■ 26.3314, 26.4466,
37.5296

120.7092,
123.5096, 158.0155

■ 17.2057, 17.1581,
25.3188

151.8922,
155.7369, 196.9288

■ 10.4775, 10.3473,
16.0935

188.0301,
193.1328, 241.7575

■ 5.7814, 5.6298,
9.4353

229.4883,
236.0816, 292.9201

■ 2.7520, 2.6213,
4.9255

276.6321,

■ 1.0240, 0.9374,

284.9677, 350.8350

2.1456

329.8270,
340.1755, 415.9209

■ 0.0000, 0.0000,
0.6427

■ 0.0000, 0.0000,
0.0000

■ 53.2366, 53.9946,
72.5819

■ 53.2366, 53.9946,
72.5819

■ 43.9245, 42.6638,
70.8865

■ 63.9868, 67.1029,
74.5463

■ 35.9849, 33.0275,
69.4449

■ 76.2272, 82.0533,
76.7869

■ 29.3543, 25.0063,
68.2462

■ 89.3948, 97.7379,
79.1203

■ 23.9624, 18.5119,
67.2768

■ 19.7324, 13.4473,
66.5222

■ 16.5786, 9.7047,
65.9660

■ 14.4039, 7.1607,
65.5896

■ 13.0933, 5.6688,
65.3707

■ 12.5072, 5.0159,
65.2756

Harmonies

Analogous

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



50.7213, 53.9946, 73.7286



53.2366, 53.9946, 72.5819



55.2989, 53.9946, 67.6020

Triad

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



53.2366, 53.9946, 72.5819



54.3110, 53.9946, 48.3641



46.6425, 53.9946, 57.0856

Complementary

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



53.2366, 53.9946, 72.5819



62.0967, 67.3661, 59.6019

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.



47.5371, 53.9946, 50.7808



53.2366, 53.9946, 72.5819



51.9239, 53.9946, 46.0208

Square

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



53.2366, 53.9946, 72.5819



55.9333, 53.9946, 53.5345



49.4504, 53.9946, 46.8679



46.9680, 53.9946, 64.3807

Rectangle

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



53.2366, 53.9946, 72.5819



56.1118, 53.9946, 62.9836



49.4504, 53.9946, 46.8679



46.8095, 53.9946, 54.7886

Sweetspot

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



53.2382, 53.9969, 72.5831



90.0117, 93.8516, 107.9788



58.4860, 64.8685, 74.4049



18.9852, 19.7453, 23.0605



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.



53.2382, 53.9969, 72.5831



74.6330, 75.1071, 105.1713



56.3679, 55.6103, 72.7296



11.7899, 12.0331, 15.6387



7.4253, 2.9804, 38.6371



0.4650, 0.1886, 2.3312

Inverse Universe

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



59.4362, 57.2069, 72.2021



85.1504, 80.5545, 104.5099



58.7550, 65.6434, 59.4455



12.9297, 12.6234, 15.5700



23.4402, 11.3124, 35.9519



1.4209, 0.6851, 2.2057

Previews

White Background



This preview shows how the XYZ color 53.2366, 53.9946, 72.5819 looks on a white background.

Color Contrast Check

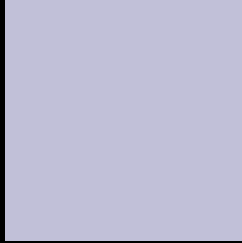
Large Text (above 18pt) WCAG AA × Fail

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 53.2366, 53.9946, 72.5819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

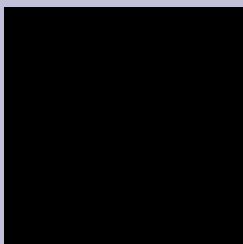
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.2366, 53.9946, 72.5819

Background



This preview shows how black text looks on a background with the XYZ color 53.2366, 53.9946, 72.5819.

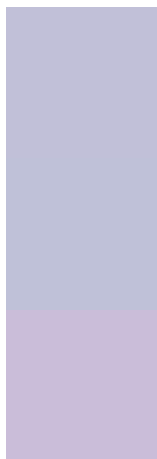


This preview shows how white text looks on a background with the XYZ color 53.2366, 53.9946,

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

53.2366, 53.9946, 72.5819

Protanopia

52.9505, 54.1742, 72.6316

Deuteranopia

55.0791, 53.9615, 73.1583



Tritanopia

52.3168, 53.9498, 67.9776

Trichromacy



Original Color

53.2366, 53.9946, 72.5819

Protanomaly

53.2029, 54.3043, 72.6434

Deuteranomaly

54.4910, 53.9788, 73.1926

Tritanomaly

52.6919, 54.0999, 69.9525

Monochromacy



Original Color

53.2366, 53.9946, 72.5819

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.3194, 54.3647, 64.2358

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2366, 53.9946, 72.5819 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, 192, 216)` looks like.

```
.text, #text, p{  
    color:rgb(193, 192, 216)  
}
```

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, 192, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 192, 216) }
```

Border

The CSS property to change the border of an element to XYZ 53.2366, 53.9946, 72.5819 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, 192, 216) }
```


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

```
.border{ border-color:rgb(193, 192, 216) }
```

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

Here you see how a box with a 4 pixel rgb(193, 192, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 192, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 192, 216);  
box-shadow:4px 4px 4px 4px rgb(193, 192,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2366, 53.9946, 72.5819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 192, 216) }
```

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

```
.background{ background-color: rgb(193,  
192, 216) }
```

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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