

Converting Colors

XYZ(53.1778, 53.4820, 73.4534)

Have a look what the booklet for
XYZ(53.1778, 53.4820, 73.4534)
contains.

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Color

**XYZ(53.1475, 53.6088,
73.1920)**

Conversions

Conversions Part 1

Format	Color
Hex	C1BFD9
RGB	193, 191, 217
RGB Percent	76%, 75%, 85%
CMY	0.2431, 0.2510, 0.1490
CMYK	0.11, 0.12, 0.00, 0.15
HSL	245°, 25%, 80%
HSV	245°, 12%, 85%
XYZ	53.1475, 53.6088, 73.1920
YIQ	194.5620, -7.1540, 8.5100

Conversions

Conversions Part 2

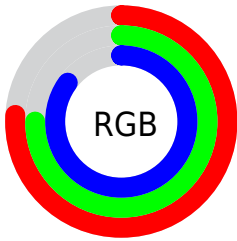
Format	Color
R_{YB}	193, 191, 217
Decimal	12697561
CIE Lab	78.23, 5.75, -12.73
CIE LCh	78, 13.966, 294.304
Yxy	53.6088, 0.2953, 0.2979
Android (android.graphics.Color)	4290887641 (0xFFC1BFD9)
YUV	194.5620, 11.0619, -1.3699
Hunter-Lab	73.2180, 1.4380, -8.0163

Details

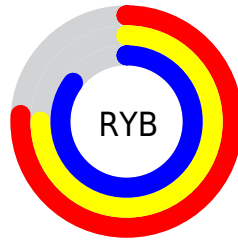
The XYZ color **53.1475, 53.6088, 73.1920** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **62.2431, 67.8358, 59.1058**, and the grayscale version is **51.5520, 54.2368, 59.0638**.

A 20% lighter version of the original color is **90.7351, 94.0655, 107.9820**, and **26.2575, 26.2746, 37.8700** is the 20% darker color. If you saturate the color by 10%, you get **43.9959, 42.3798, 71.5078**, and if you desaturate by 10%, it is **63.6952, 66.6011, 75.1447**.

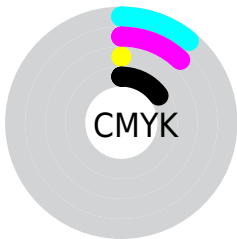
Distribution



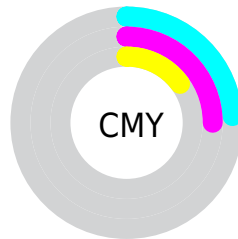
- Red (76%)
- Green (75%)
- Blue (85%)



- Red (76%)
- Yellow (75%)
- Blue (85%)



- Cyan (11%)
- Magenta (12%)
- Yellow (0%)
- Black (15%)



- Cyan (24%)
- Magenta (25%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.1475, 53.6088, 73.1920 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 53.1475, 53.6088, 73.1920 by changing the saturation by 10% instead.

■ 53.1475, 53.6088,
73.1920

■ 53.1475, 53.6088,
73.1920

389.1024,
400.6165, 490.7686

■ 38.1485, 38.2890,
53.6402

■ 93.9856, 95.4996,
125.4732

■ 26.2757, 26.2071,
37.9229

120.5554,
122.8394, 159.0396

■ 17.1638, 16.9786,
25.6215

151.7129,
154.9547, 198.1147

■ 10.4473, 10.2192,
16.3174

187.8234,
192.2297, 243.1170

■ 5.7611, 5.5446,
9.5923

229.2522,
235.0491, 294.4650

■ 2.7396, 2.5702,
5.0274

276.3647,

■ 1.0176, 0.9117,

283.7971, 352.5772

2.2043

329.5263,
338.8581, 417.8722

■ 0.0000, 0.0000,
0.6769

■ 0.0000, 0.0000,
0.0000

■ 53.1475, 53.6088,
73.1920

■ 53.1475, 53.6088,
73.1920

■ 43.9959, 42.3798,
71.5078

■ 63.6952, 66.6011,
75.1447

■ 36.1773, 32.8318,
70.0769

■ 75.6890, 81.4211,
77.3731

■ 29.6308, 24.8857,
68.8882

■ 88.8291, 97.4313,
79.7708

■ 24.2888, 18.4537,
67.9282

■ 89.5245, 97.7898,
79.8034

■ 20.0778, 13.4394,
67.1823

■ 16.9157, 9.7353,
66.6340

■ 14.7097, 7.2184,
66.2645

■ 13.3502, 5.7424,
66.0512

■ 12.7499, 5.1260,
65.9639

Harmonies

Analogous

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



50.4337, 53.6088, 74.6666



53.1475, 53.6088, 73.1920



55.3423, 53.6088, 67.6016

Triad

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



53.1475, 53.6088, 73.1920



54.0822, 53.6088, 46.9800



45.9005, 53.6088, 56.8896

Complementary

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



53.1475, 53.6088, 73.1920



62.2431, 67.8358, 59.1058

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.



46.8032, 53.6088, 50.0212



53.1475, 53.6088, 73.1920



51.4770, 53.6088, 44.6374

Square

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



53.1475, 53.6088, 73.1920



55.8953, 53.6088, 52.3923



48.8208, 53.6088, 45.6991



46.3120, 53.6088, 64.7878

Rectangle

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



53.1475, 53.6088, 73.1920



56.1828, 53.6088, 62.5385



48.8208, 53.6088, 45.6991



46.0593, 53.6088, 54.3926

Sweetspot

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



53.1491, 53.6110, 73.1932



88.5021, 91.9215, 107.6858



58.3803, 64.8243, 75.0819



18.6876, 19.3600, 23.0019



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.



53.1491, 53.6110, 73.1932



73.5972, 73.5761, 104.9304



56.5367, 55.3574, 73.3517



12.4309, 12.6647, 16.4415



7.7524, 3.1207, 39.9322



0.5353, 0.2192, 2.5885

Inverse Universe

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



59.5136, 56.9219, 72.1428



84.2613, 79.1243, 103.1406



58.6478, 65.9823, 58.9376



13.5690, 13.2567, 16.2574



23.6740, 11.4707, 34.2592



1.5468, 0.7484, 2.2886

Previews

White Background



This preview shows how the XYZ color 53.1475, 53.6088, 73.1920 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 53.1475, 53.6088, 73.1920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

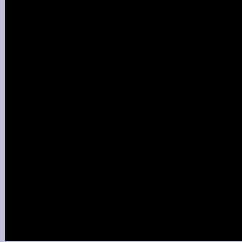
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.1475, 53.6088, 73.1920

Background



This preview shows how black text looks on a background with the XYZ color 53.1475, 53.6088, 73.1920.



This preview shows how white text looks on a background with the XYZ color 53.1475, 53.6088,

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

53.1475, 53.6088, 73.1920

Protanopia

52.7397, 53.7084, 73.9167

Deuteranopia

54.7255, 53.4459, 73.7614



Tritanopia

51.9410, 53.7704, 67.3156

Trichromacy



Original Color

53.1475, 53.6088, 73.1920

Protanomaly

52.9904, 53.8376, 73.9285

Deuteranomaly

54.1412, 53.4629, 73.7955

Tritanomaly

52.3457, 53.6089, 69.2167

Monochromacy



Original Color

53.1475, 53.6088, 73.1920

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 53.1475, 53.6088, 73.1920 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, 191, 217)` looks like.

```
.text, #text, p{  
    color:rgb(193, 191, 217)  
}
```

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, 191, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 191, 217) }
```

Border

The CSS property to change the border of an element to XYZ 53.1475, 53.6088, 73.1920 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, 191, 217) }
```


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

```
.border{ border-color:rgb(193, 191, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 191, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 191, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 191, 217);  
box-shadow:4px 4px 4px 4px rgb(193, 191,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1475, 53.6088, 73.1920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 191, 217) }
```

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

```
.background{ background-color: rgb(193,  
191, 217) }
```

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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