

Converting Colors

XYZ(53.6251, 53.8582, 73.2085)

Have a look what the booklet for
XYZ(53.6251, 53.8582, 73.2085)
contains.

XYZ(53.6609, 53.8735, 73.2160)	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(53.6609, 53.8735,
73.2160)**

Conversions

Conversions Part 1

Format	Color
Hex	C3BFD9
RGB	195, 191, 217
RGB Percent	76%, 75%, 85%
CMY	0.2353, 0.2510, 0.1490
CMYK	0.10, 0.12, 0.00, 0.15
HSL	249°, 25%, 80%
HSV	249°, 12%, 85%
XYZ	53.6609, 53.8735, 73.2160
YIQ	195.1600, -5.9620, 8.9340

Conversions

Conversions Part 2

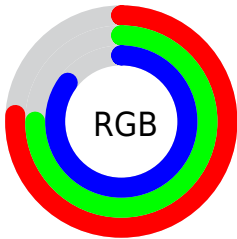
Format	Color
R_{YB}	195, 191, 217
Decimal	12828633
CIE _{Lab}	78.39, 6.40, -12.48
CIE _{LCh}	78, 14.027, 297.159
Yxy	53.8735, 0.2969, 0.2981
Android (android.graphics.Color)	4291018713 (0xFFC3BFD9)
YUV	195.1600, 10.7671, -0.1403
Hunter-Lab	73.3986, 2.0519, -7.7635

Details

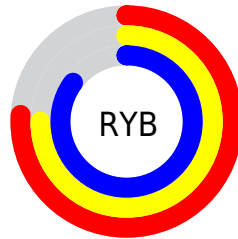
The XYZ color **53.6609, 53.8735, 73.2160** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **61.6593, 67.5348, 59.0786**, and the grayscale version is **51.9089, 54.6122, 59.4727**.

A 20% lighter version of the original color is **91.4556, 94.4370, 108.0157**, and **26.5946, 26.4483, 37.8858** is the 20% darker color. If you saturate the color by 10%, you get **44.8185, 42.8039, 71.5462**, and if you desaturate by 10%, it is **63.7912, 66.6507, 75.1492**.

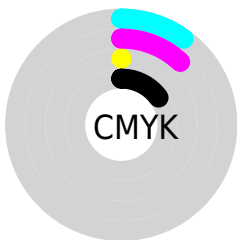
Distribution



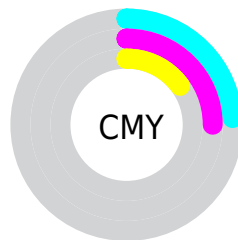
- Red (76%)
- Green (75%)
- Blue (85%)



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



- Cyan (10%)
- Magenta (12%)
- Yellow (0%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6609, 53.8735, 73.2160 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 53.6609, 53.8735, 73.2160 by changing the saturation by 10% instead.

■ 53.6609, 53.8735,
73.2160

■ 53.6609, 53.8735,
73.2160

391.0351,
401.6274, 490.8539

■ 38.5602, 38.5005,
53.6597

■ 94.7360, 95.8885,
125.5076

■ 26.5970, 26.3714,
37.9383

121.4411,
123.2993, 159.0799

■ 17.4058, 17.1017,
25.6334

152.7451,
155.4915, 198.1613

■ 10.6213, 10.3070,
16.3263

189.0132,
192.8495, 243.1704

■ 5.8782, 5.6030,
9.5985

230.6110,
235.7577, 294.5257

■ 2.8111, 2.6052,
5.0315

277.9036,

■ 1.0547, 0.9293,

284.6005, 352.6457

2.2067

331.2565,
339.7623, 417.9489

■ 0.0000, 0.0000,
0.6782

■ 0.0000, 0.0000,
0.0000

■ 53.6609, 53.8735,
73.2160

■ 53.6609, 53.8735,
73.2160

■ 44.8185, 42.8039,
71.5462

■ 63.7912, 66.6507,
75.1492

■ 37.2072, 33.3627,
70.1251

■ 75.2534, 81.1966,
77.3527

■ 30.7735, 25.4748,
68.9416

■ 87.7419, 96.8708,
79.7199

■ 25.4577, 19.0563,
67.9829

■ 89.5245, 97.7898,
79.8033

■ 21.1948, 14.0152,
67.2346

■ 17.9130, 10.2494,
66.6807

■ 15.5312, 7.6419,
66.3029

■ 13.9547, 6.0540,
66.0795

■ 13.1636, 5.3392,
65.9832

Harmonies

Analogous

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



50.9431, 53.8735, 75.1499



53.6609, 53.8735, 73.2160



55.7850, 53.8735, 67.2752

Triad

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



53.6609, 53.8735, 73.2160



54.1313, 53.8735, 46.8159



46.0955, 53.8735, 57.9105

Complementary

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



53.6609, 53.8735, 73.2160



61.6593, 67.5348, 59.0786

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.



46.8831, 53.8735, 50.8119



53.6609, 53.8735, 73.2160



51.4681, 53.8735, 44.7766

Square

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



53.6609, 53.8735, 73.2160



56.0634, 53.8735, 52.0043



48.8255, 53.8735, 46.1721



46.6360, 53.8735, 65.8586

Rectangle

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



53.6609, 53.8735, 73.2160



56.5444, 53.8735, 62.0951



48.8255, 53.8735, 46.1721



46.2130, 53.8735, 55.3523

Sweetspot

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



53.6625, 53.8758, 73.2172



88.7773, 92.0634, 107.6987



57.8314, 63.7264, 74.8988



18.7570, 19.3958, 23.0051



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.



53.6625, 53.8758, 73.2172



74.4456, 74.0134, 104.9701



57.1413, 55.6691, 73.3800



12.5242, 12.7128, 16.4459



8.0247, 3.2611, 39.9449



0.5795, 0.2420, 2.5906

Inverse Universe

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



59.2581, 56.8198, 70.7974



83.8285, 78.9512, 100.8615



58.0647, 65.6817, 58.9103



13.5239, 13.2386, 16.0198



22.5680, 11.0282, 28.4348



1.4858, 0.7240, 1.9672

Previews

White Background



This preview shows how the XYZ color 53.6609, 53.8735, 73.2160 looks on a white background.

Color Contrast Check

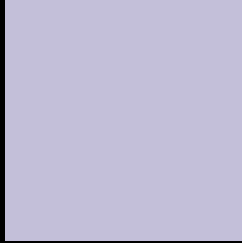
Large Text (above 18pt) WCAG AA × Fail

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 53.6609, 53.8735, 73.2160 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 53.6609, 53.8735, 73.2160

Background



This preview shows how black text looks on a background with the XYZ color 53.6609, 53.8735, 73.2160.



This preview shows how white text looks on a background with the XYZ color 53.6609, 53.8735,

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

53.6609, 53.8735, 73.2160

Protanopia

52.7397, 53.7084, 73.9167

Deuteranopia

55.0791, 53.9615, 73.1583



Tritanopia

52.4474, 54.0315, 67.3393

Trichromacy



Original Color

53.6609, 53.8735, 73.2160

Protanomaly

53.2428, 53.9677, 73.9403

Deuteranomaly

54.4910, 53.9788, 73.1926

Tritanomaly

52.8556, 53.8718, 69.2405

Monochromacy



Original Color

53.6609, 53.8735, 73.2160

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.5770, 54.4975, 64.2479

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6609, 53.8735, 73.2160 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(195, 191, 217)` looks like.

```
.text, #text, p{  
    color:rgb(195, 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(195, 191, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 191, 217) }
```

Border

The CSS property to change the border of an element to XYZ 53.6609, 53.8735, 73.2160 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(195, 191, 217) }
```


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

```
.border{ border-color:rgb(195, 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(195, 191, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 191, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 191, 217);  
box-shadow:4px 4px 4px 4px rgb(195, 191,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6609, 53.8735, 73.2160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 191, 217) }
```

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

```
.background{ background-color: rgb(195,  
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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