

Converting Colors

XYZ(53.1280, 53.7816, 65.8484)

Have a look what the booklet for
XYZ(53.1280, 53.7816, 65.8484)
contains.

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Color

**XYZ(53.0601, 53.7236,
65.9656)**

Conversions

Conversions Part 1

Format	Color
Hex	C6BFCE
RGB	198, 191, 206
RGB Percent	78%, 75%, 81%
CMY	0.2235, 0.2510, 0.1922
CMYK	0.04, 0.07, 0.00, 0.19
HSL	268°, 13%, 78%
HSV	268°, 7%, 81%
XYZ	53.0601, 53.7236, 65.9656
YIQ	194.8030, -0.6430, 6.1490

Conversions

Conversions Part 2

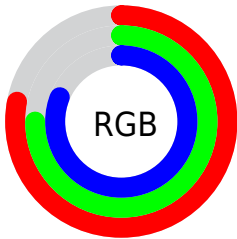
Format	Color
RYB	198, 191, 206
Decimal	13025230
CIELab	78.30, 5.23, -6.65
CIELCh	78, 8.458, 308.216
Yxy	53.7236, 0.3072, 0.3110
Android (android.graphics.Color)	4291215310 (0xFFC6BFCE)
YUV	194.8030, 5.5201, 2.8038
Hunter-Lab	73.2964, 0.9495, -2.0526

Details

The XYZ color **53.0601, 53.7236, 65.9656** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.0304, 60.0477, 57.9828**, and the grayscale version is **51.7243, 54.4180, 59.2612**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **26.2576, 26.3732, 33.4124** is the 20% darker color. If you saturate the color by 10%, you get **46.0881, 43.9241, 64.4424**, and if you desaturate by 10%, it is **60.8773, 64.8998, 67.7116**.

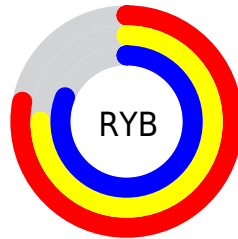
Distribution



Red (78%)

Green (75%)

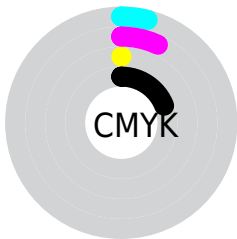
Blue (81%)



Red (78%)

Yellow (75%)

Blue (81%)

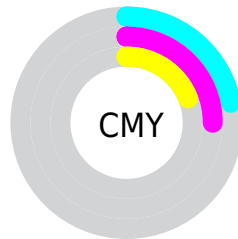


Cyan (4%)

Magenta (7%)

Yellow (0%)

Black (19%)



Cyan (22%)

Magenta (25%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0601, 53.7236, 65.9656 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 53.0601, 53.7236, 65.9656 by changing the saturation by 10% instead.

■ 53.0601, 53.7236,
65.9656

■ 53.0601, 53.7236,
65.9656

388.7727,
401.0551, 464.6547

■ 38.0784, 38.3807,
47.7882

■ 93.8578, 95.6683,
115.0635

■ 26.2210, 26.2783,
33.3004

120.4045,
123.0389, 146.8210

■ 17.1226, 17.0320,
22.0836

151.5370,
155.1875, 183.9424

■ 10.4178, 10.2573,
13.7195

187.6206,
192.4986, 226.8460

■ 5.7412, 5.5699,
7.7893

229.0206,
235.3565, 275.9505

■ 2.7275, 2.5854,
3.8746

276.1023,

■ 1.0114, 0.9193,

284.1457, 331.6745

1.5568

329.2313,
339.2504, 394.4363

■ 0.0000, 0.0000,
0.2597

■ 0.0000, 0.0000,
0.0000

■ 53.0601, 53.7236,
65.9656

■ 53.0601, 53.7236,
65.9656

■ 46.0881, 43.9241,
64.4424

■ 60.8773, 64.8998,
67.7116

■ 39.9259, 35.4395,
63.1295

■ 69.5639, 77.4973,
69.6854

■ 34.5424, 28.2138,
62.0185

■ 79.1490, 91.5673,
71.8960

■ 29.9026, 22.1839,
61.0992

■ 83.5036, 94.8458,
72.2992

■ 25.9686, 17.2812,
60.3602

■ 87.3887, 96.8486,
72.4811

■ 22.6986, 13.4300,
59.7892

■ 88.1407, 97.2363,
72.5163

■ 20.0459, 10.5445,
59.3720

■ 17.9566, 8.5251,
59.0924

■ 16.3585, 7.2364,
58.9279

Harmonies

Analogous

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



51.5195, 53.7236, 68.0044



53.0601, 53.7236, 65.9656



54.0802, 53.7236, 61.9496

Triad

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



53.0601, 53.7236, 65.9656



52.2548, 53.7236, 50.4216



47.9723, 53.7236, 59.8102

Complementary

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



53.0601, 53.7236, 65.9656



55.0304, 60.0477, 57.9828

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.



48.1595, 53.7236, 55.1730



53.0601, 53.7236, 65.9656



50.6085, 53.7236, 49.9177

Square

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



53.0601, 53.7236, 65.9656



53.6083, 53.7236, 53.0282



49.1160, 53.7236, 51.6125



48.5989, 53.7236, 64.3270

Rectangle

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



53.0601, 53.7236, 65.9656



54.3155, 53.7236, 58.7806



49.1160, 53.7236, 51.6125



47.9424, 53.7236, 58.2121

Sweetspot

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



53.0617, 53.7259, 65.9668



92.4507, 96.2768, 108.3183



53.1094, 56.4965, 66.4990



19.8155, 20.6462, 23.1907



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.



53.0617, 53.7259, 65.9668



83.7993, 83.9730, 106.3995



55.0188, 54.7348, 66.0584



11.0910, 11.0962, 14.1276



9.9477, 4.3357, 36.2689



0.6005, 0.2687, 1.8752

Inverse Universe

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



54.3950, 54.5093, 61.6898



86.4842, 85.5508, 97.7754



53.1522, 59.0794, 57.8949



11.4583, 11.3120, 12.9478



17.4522, 8.7915, 10.1001



0.9385, 0.4688, 0.7218

Previews

White Background



This preview shows how the XYZ color 53.0601, 53.7236, 65.9656 looks on a white background.

Color Contrast Check

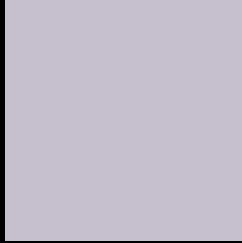
Large Text (above 18pt) WCAG AA × Fail

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 53.0601, 53.7236, 65.9656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

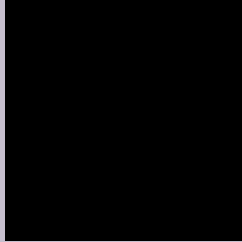
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

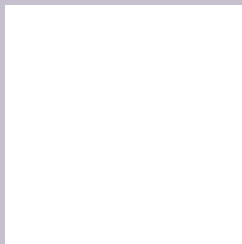
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.0601, 53.7236, 65.9656

Background



This preview shows how black text looks on a background with the XYZ color 53.0601, 53.7236, 65.9656.



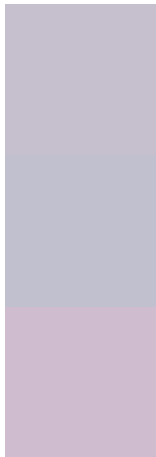
This preview shows how white text looks on a background with the XYZ color 53.0601, 53.7236,

65.9656.

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

53.0601, 53.7236, 65.9656

Protanopia

52.1044, 53.5417, 66.6199

Deuteranopia

54.9778, 53.7368, 66.5061



Tritanopia

53.0601, 53.7236, 65.9656

Trichromacy



Original Color

53.0601, 53.7236, 65.9656

Protanomaly

52.6178, 53.8064, 66.6439

Deuteranomaly

54.3619, 53.7376, 66.5387

Tritanomaly

53.0601, 53.7236, 65.9656

Monochromacy



Original Color

53.0601, 53.7236, 65.9656

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.3655, 54.4429, 61.7814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0601, 53.7236, 65.9656 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(198, 191, 206)` looks like.

```
.text, #text, p{  
    color:rgb(198, 191, 206)  
}
```

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(198, 191, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 191, 206) }
```

Border

The CSS property to change the border of an element to XYZ 53.0601, 53.7236, 65.9656 is called "border". The border property can be set on classes, ids or directly on the HTML element.

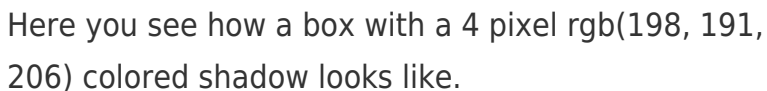
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 191, 206) }
```


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

```
.border{ border-color:rgb(198, 191, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 191, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 191, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 191, 206); box-shadow:4px 4px 4px 4px rgb(198, 191, 206) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0601, 53.7236, 65.9656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 191, 206) }
```

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

```
.background{ background-color: rgb(198,  
191, 206) }
```

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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