

Converting Colors

XYZ(53.0864, 59.8697, 78.6576)

Have a look what the booklet for
XYZ(53.0864, 59.8697, 78.6576)
contains.

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Color

**XYZ(53.1605, 60.0788,
78.6066)**

Conversions

Conversions Part 1

Format	Color
Hex	ABD2DF
RGB	171, 210, 223
RGB Percent	67%, 82%, 87%
CMY	0.3294, 0.1765, 0.1255
CMYK	0.23, 0.06, 0.00, 0.13
HSL	195°, 45%, 77%
HSV	195°, 23%, 87%
XYZ	53.1605, 60.0788, 78.6066
YIQ	199.8210, -27.4170, -4.2250

Conversions

Conversions Part 2

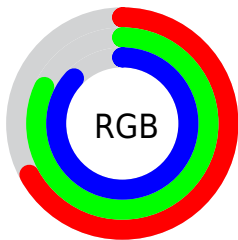
Format	Color
RYB	171, 193, 223
Decimal	11260639
CIELab	81.88, -9.94, -10.66
CIELCh	82, 14.574, 226.986
Yxy	60.0788, 0.2771, 0.3132
Android (android.graphics.Color)	4289450719 (0xFFABD2DF)
YUV	199.8210, 11.4272, -25.2760
Hunter-Lab	77.5105, -13.2194, -5.8711

Details

The XYZ color **53.1605, 60.0788, 78.6066** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.9234, 52.9097, 45.8473**, and the grayscale version is **54.7351, 57.5855, 62.7107**.

A 20% lighter version of the original color is **85.4886, 95.0709, 108.4525**, and **26.4276, 30.4556, 41.5314** is the 20% darker color. If you saturate the color by 10%, you get **47.3549, 55.0799, 77.9487**, and if you desaturate by 10%, it is **59.8371, 65.6010, 79.3216**.

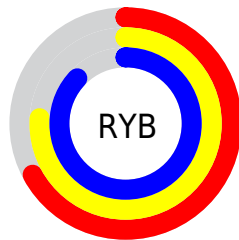
Distribution



Red (67%)

Green (82%)

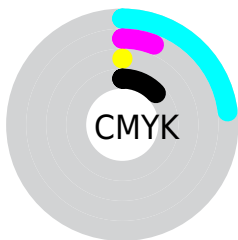
Blue (87%)



Red (67%)

Yellow (76%)

Blue (87%)

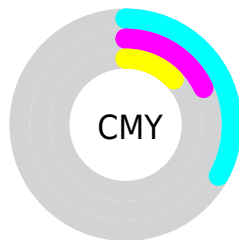


Cyan (23%)

Magenta (6%)

Yellow (0%)

Black (13%)



Cyan (33%)

Magenta (18%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.1605, 60.0788, 78.6066 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 53.1605, 60.0788, 78.6066 by changing the saturation by 10% instead.

■ 53.1605, 60.0788,
78.6066

■ 53.1605, 60.0788,
78.6066

389.1514,
424.8882, 509.8069

■ 38.1589, 43.4822,
58.0530

■ 94.0046, 104.9440,
133.1985

■ 26.2838, 30.2636,
41.4363

120.5779,
133.9813, 168.0739

■ 17.1699, 20.0388,
28.3379

151.7391,
167.9343, 208.5604

■ 10.4517, 12.4232,
18.3393

187.8535,
207.1873, 255.0764

■ 5.7640, 7.0326,
11.0219

229.2867,
252.1249, 308.0405

■ 2.7414, 3.4825,
5.9672

276.4038,

■ 1.0185, 1.3885,

303.1312, 367.8713

2.7567

329.5702,
360.5909, 434.9872

■ 0.0000, 0.2082,
0.9718

■ 0.0000, 0.0000,
0.0000

■ 53.1605, 60.0788,
78.6066

■ 53.1605, 60.0788,
78.6066

■ 47.3549, 55.0799,
77.9487

■ 59.8371, 65.6010,
79.3216

■ 42.3734, 50.5747,
77.3416

■ 67.4179, 71.6597,
80.0915

■ 38.1726, 46.5417,
76.7846

■ 75.9412, 78.2768,
80.9195

■ 34.7028, 42.9545,
76.2751

■ 83.5007, 84.4703,
81.7165

■ 31.9084, 39.7837,
75.8104

■ 85.0975, 87.6638,
82.2488

■ 29.7250, 36.9954,
75.3872

■ 86.7445, 90.9578,
82.7978

■ 28.0751, 34.5489,
75.0020

■ 88.4421, 94.3531,
83.3636

■ 27.1860, 33.0609,
74.7616

■ 90.1909, 97.8507,
83.9466

■ 90.3195, 98.1078,
83.9894

Harmonies

Analogous

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



51.6284, 60.0788, 70.4926



53.1605, 60.0788, 78.6066



55.7808, 60.0788, 83.3566

Triad

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



53.1605, 60.0788, 78.6066



63.0651, 60.0788, 69.3069



55.3917, 60.0788, 50.5088

Complementary

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



53.1605, 60.0788, 78.6066



54.9234, 52.9097, 45.8473

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.



58.4462, 60.0788, 50.2534



53.1605, 60.0788, 78.6066



62.9517, 60.0788, 60.5884

Square

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



53.1605, 60.0788, 78.6066



61.5402, 60.0788, 77.6717



61.2360, 60.0788, 53.7896



52.8845, 60.0788, 54.5217

Rectangle

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



53.1605, 60.0788, 78.6066



57.8258, 60.0788, 83.7209



61.2360, 60.0788, 53.7896



56.3864, 60.0788, 49.9942

Sweetspot

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



53.1623, 60.0812, 78.6080



87.3783, 93.9566, 108.1378



51.7447, 64.8589, 54.6657



18.5673, 20.0028, 23.1323



0.0000, 0.0000, 0.0000



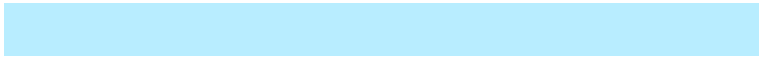
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.1623, 60.0812, 78.6080



68.0500, 78.0181, 106.0801



47.4363, 48.6292, 76.6993



13.8113, 14.9617, 17.5476



16.0787, 19.6270, 43.9893



1.1840, 1.4995, 3.0723

Inverse Universe

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



56.6287, 49.4685, 67.5391



73.6060, 61.4984, 88.2290



60.6165, 64.2959, 47.7450



14.1410, 13.8740, 16.5125



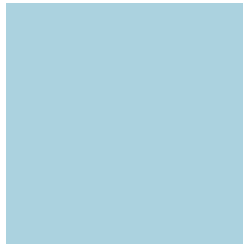
22.0560, 10.8894, 22.7585



1.5639, 0.7688, 1.7624

Previews

White Background



This preview shows how the XYZ color 53.1605, 60.0788, 78.6066 looks on a white background.

Color Contrast Check

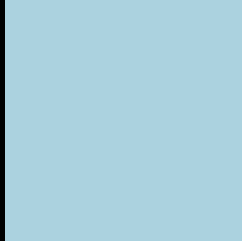
Large Text (above 18pt) WCAG AA × Fail

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 53.1605, 60.0788, 78.6066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

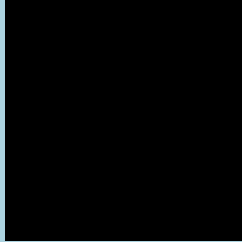
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.1605, 60.0788, 78.6066

Background



This preview shows how black text looks on a background with the XYZ color 53.1605, 60.0788, 78.6066.

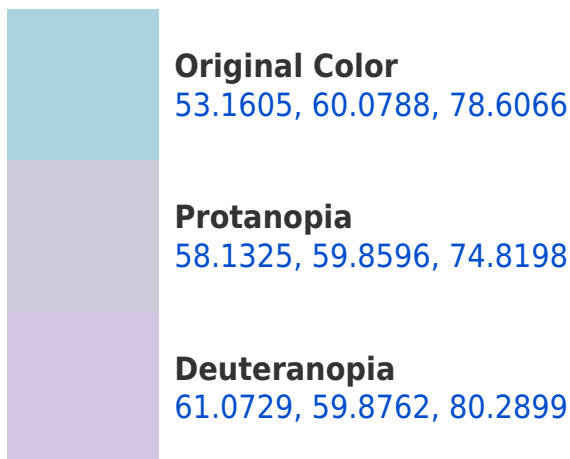


This preview shows how white text looks on a background with the XYZ color 53.1605, 60.0788,

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





Tritanopia

53.5412, 59.8626, 80.6842

Trichromacy



Original Color

53.1605, 60.0788, 78.6066

Protanomaly

56.2354, 59.9063, 76.3093

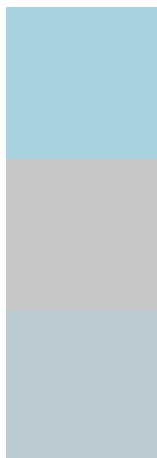
Deuteranomaly

57.7371, 59.5476, 79.6849

Tritanomaly

53.4043, 59.8078, 79.9635

Monochromacy



Original Color

53.1605, 60.0788, 78.6066

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.9643, 58.5586, 68.1332

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1605, 60.0788, 78.6066 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(171, 210, 223)` looks like.

```
.text, #text, p{  
    color:rgb(171, 210, 223)  
}
```

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(171, 210, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 210, 223) }
```

Border

The CSS property to change the border of an element to XYZ 53.1605, 60.0788, 78.6066 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(171, 210, 223) }
```


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

```
.border{ border-color:rgb(171, 210, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 210, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 210, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 210, 223);  
box-shadow:4px 4px 4px 4px rgb(171, 210,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1605, 60.0788, 78.6066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 210, 223) }
```

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

```
.background{ background-color: rgb(171,  
210, 223) }
```

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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