

Converting Colors

XYZ(53.0978, 58.7187, 73.9796)

Have a look what the booklet for
XYZ(53.0978, 58.7187, 73.9796)
contains.

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Color

**XYZ(53.1861, 58.7361,
74.1796)**

Conversions

Conversions Part 1

Format	Color
Hex	B3CED9
RGB	179, 206, 217
RGB Percent	70%, 81%, 85%
CMY	0.2980, 0.1921, 0.1490
CMYK	0.18, 0.05, 0.00, 0.15
HSL	197°, 33%, 78%
HSV	197°, 18%, 85%
XYZ	53.1861, 58.7361, 74.1796
YIQ	199.1810, -19.6230, -2.3030

Conversions

Conversions Part 2

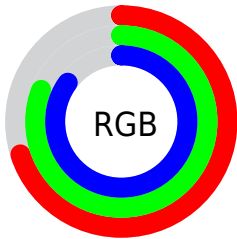
Format	Color
RYB	179, 195, 217
Decimal	11783897
CIELab	81.15, -6.71, -8.49
CIELCh	81, 10.821, 231.680
Yxy	58.7361, 0.2858, 0.3156
Android (android.graphics.Color)	4289973977 (0xFFB3CED9)
YUV	199.1810, 8.7848, -17.6987
Hunter-Lab	76.6395, -10.2440, -3.7393

Details

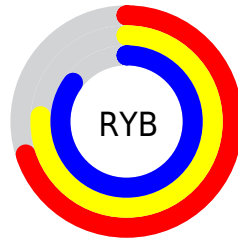
The XYZ color **53.1861, 58.7361, 74.1796** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.1658, 54.8332, 50.3253**, and the grayscale version is **54.3548, 57.1855, 62.2750**.

A 20% lighter version of the original color is **88.0709, 96.4022, 108.5734**, and **26.3540, 29.5007, 38.4876** is the 20% darker color. If you saturate the color by 10%, you get **47.0787, 53.3893, 73.4704**, and if you desaturate by 10%, it is **60.1466, 64.6154, 74.9485**.

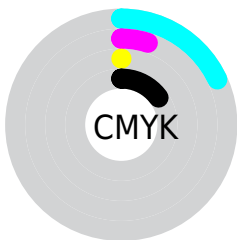
Distribution



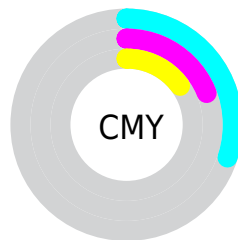
- Red (70%)
- Green (81%)
- Blue (85%)



- Red (70%)
- Yellow (76%)
- Blue (85%)



- Cyan (18%)
- Magenta (5%)
- Yellow (0%)
- Black (15%)



- Cyan (30%)
- Magenta (19%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.1861, 58.7361, 74.1796 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 53.1861, 58.7361, 74.1796 by changing the saturation by 10% instead.

■ 53.1861, 58.7361,
74.1796

■ 53.1861, 58.7361,
74.1796

389.2479,
419.9232, 494.2730

■ 38.1794, 42.4007,
54.4434

■ 94.0421, 102.9940,
126.8868

■ 26.2998, 29.4152,
38.5607

120.6221,
131.6853, 160.6948

■ 17.1819, 19.3951,
26.1129

151.7906,
165.2641, 200.0305

■ 10.4604, 11.9561,
16.6816

187.9129,
204.1147, 245.3124

■ 5.7699, 6.7138,
9.8482

229.3545,
248.6215, 296.9590

■ 2.7450, 3.2838,
5.1941

276.4806,

■ 1.0204, 1.2816,

299.1689, 355.3890

2.3009

329.6566,
356.1414, 421.0208

■ 0.0000, 0.1269,
0.7317

■ 0.0000, 0.0000,
0.0000

■ 53.1861, 58.7361,
74.1796

■ 53.1861, 58.7361,
74.1796

■ 47.0787, 53.3893,
73.4704

■ 60.1466, 64.6154,
74.9485

■ 41.7817, 48.5475,
72.8150

■ 67.9902, 71.0391,
75.7750

■ 37.2564, 44.1911,
72.2127

■ 76.7516, 78.0276,
76.6621

■ 33.4587, 40.2963,
71.6610

■ 82.3753, 83.4913,
77.4203

■ 30.3398, 36.8368,
71.1577

■ 84.1660, 87.0727,
78.0172

■ 27.8442, 33.7830,
70.6998

■ 86.0204, 90.7814,
78.6354

■ 25.9074, 31.1005,
70.2841

■ 87.9391, 94.6189,
79.2749

■ 24.4411, 28.7426,
69.9062

■ 89.5246, 97.7898,
79.8034

■ 24.1134, 28.1875,
69.8164

Harmonies

Analogous

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



51.9009, 58.7361, 68.6429



53.1861, 58.7361, 74.1796



55.2030, 58.7361, 77.0190

Triad

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



53.1861, 58.7361, 74.1796



60.2198, 58.7361, 65.7640



54.2432, 58.7361, 53.1130

Complementary

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



53.1861, 58.7361, 74.1796



55.1658, 54.8332, 50.3253

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.



56.4555, 58.7361, 52.4563



53.1861, 58.7361, 74.1796



59.9461, 58.7361, 59.4830

Square

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



53.1861, 58.7361, 74.1796



59.2918, 58.7361, 71.9512



58.5537, 58.7361, 54.7135



52.4997, 58.7361, 56.5718

Rectangle

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



53.1861, 58.7361, 74.1796



56.7077, 58.7361, 76.8762



58.5537, 58.7361, 54.7135



54.9553, 58.7361, 52.5670

Sweetspot

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



53.1878, 58.7385, 74.1809



89.3480, 95.3298, 108.2991



52.6731, 62.9180, 57.9509



18.9583, 20.2675, 23.1628



0.0000, 0.0000, 0.0000



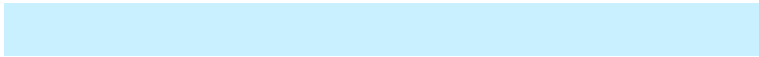
20.3446, 21.4041, 23.3091

Same Dimension

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



53.1878, 58.7385, 74.1809



73.2724, 81.7277, 106.5209



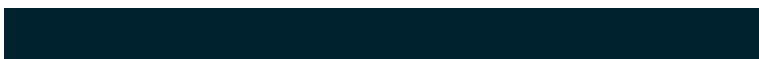
48.9358, 50.2344, 72.7636



13.1100, 14.1597, 16.6943



14.6917, 17.2527, 42.2942



1.0244, 1.2630, 2.7642

Inverse Universe

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



55.8773, 51.4494, 65.3810



77.8861, 69.5052, 91.3620



59.4962, 63.4939, 51.7687



13.4454, 13.2073, 15.6066



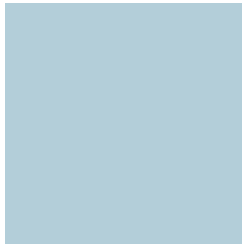
20.9110, 10.3654, 19.7092



1.3914, 0.6862, 1.4700

Previews

White Background



This preview shows how the XYZ color 53.1861, 58.7361, 74.1796 looks on a white background.

Color Contrast Check

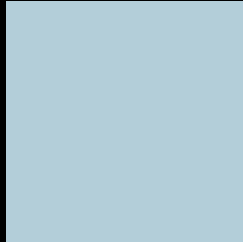
Large Text (above 18pt) WCAG AA × Fail

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 53.1861, 58.7361, 74.1796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

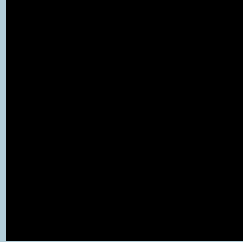
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.1861, 58.7361, 74.1796

Background



This preview shows how black text looks on a background with the XYZ color 53.1861, 58.7361, 74.1796.

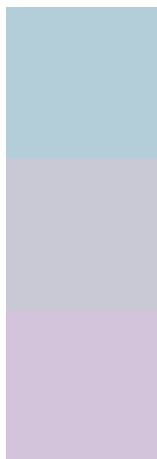


This preview shows how white text looks on a background with the XYZ color 53.1861, 58.7361,

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

53.1861, 58.7361, 74.1796

Protanopia

56.7519, 58.5302, 71.2571

Deuteranopia

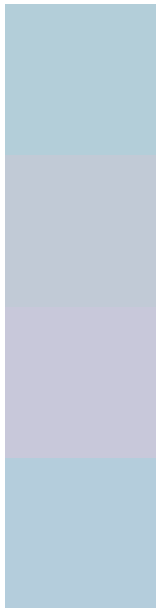
59.6775, 58.5914, 75.1818



Tritanopia

53.8385, 58.6399, 77.5883

Trichromacy



Original Color

53.1861, 58.7361, 74.1796

Protanomaly

55.2504, 58.4336, 71.9851

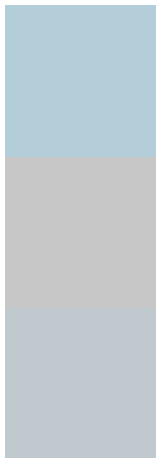
Deuteranomaly

57.1286, 58.6499, 74.6392

Tritanomaly

53.5720, 58.5332, 76.1846

Monochromacy



Original Color

53.1861, 58.7361, 74.1796

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.9993, 57.9038, 66.7230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1861, 58.7361, 74.1796 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(179, 206, 217)` looks like.

```
.text, #text, p{  
    color:rgb(179, 206, 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(179, 206, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 206, 217) }
```

Border

The CSS property to change the border of an element to XYZ 53.1861, 58.7361, 74.1796 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(179, 206, 217) }
```


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

```
.border{ border-color:rgb(179, 206, 217) }
```

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

Here you see how a box with a 4 pixel rgb(179, 206, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 206, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 206, 217);  
box-shadow:4px 4px 4px 4px rgb(179, 206,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1861, 58.7361, 74.1796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 206, 217) }
```

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

```
.background{ background-color: rgb(179,  
206, 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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