

Converting Colors

XYZ(42.3671, 58.6826, 61.3185)

Have a look what the booklet for
XYZ(42.3671, 58.6826, 61.3185)
contains.

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Color

**XYZ(42.3671, 58.6826,
61.3185)**

Conversions

Conversions Part 1

Format	Color
Hex	71DCC4
RGB	113, 220, 196
RGB Percent	44%, 86%, 77%
CMY	0.5568, 0.1372, 0.2314
CMYK	0.49, 0.00, 0.11, 0.14
HSL	167°, 60%, 65%
HSV	167°, 49%, 86%
XYZ	42.3671, 58.6826, 61.3185
YIQ	185.2710, -56.0680, -30.1480

Conversions

Conversions Part 2

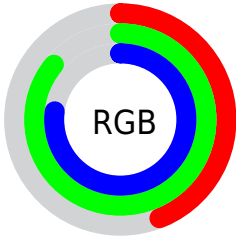
Format	Color
RYB	113, 173, 220
Decimal	7462084
CIELab	81.12, -36.66, 2.28
CIElCh	81, 36.734, 176.438
Yxy	58.6826, 0.2609, 0.3614
Android (android.graphics.Color)	4285652164 (0xFF71DCC4)
YUV	185.2710, 5.2894, -63.3817
Hunter-Lab	76.6046, -35.3364, 6.1642

Details

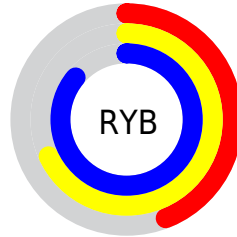
The XYZ color **42.3671, 58.6826, 61.3185** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **39.9377, 28.8337, 27.1297**, and the grayscale version is **46.2602, 48.6694, 53.0009**.

A 20% lighter version of the original color is **70.2842, 87.2698, 106.0689**, and **19.5741, 29.2340, 30.2022** is the 20% darker color. If you saturate the color by 10%, you get **39.3202, 57.1772, 58.2926**, and if you desaturate by 10%, it is **46.1218, 60.5537, 64.4766**.

Distribution



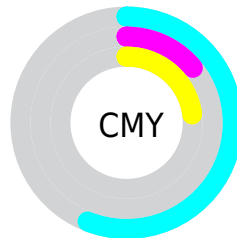
- Red (44%)
- Green (86%)
- Blue (77%)



- Red (44%)
- Yellow (68%)
- Blue (86%)



- Cyan (49%)
- Magenta (0%)
- Yellow (11%)
- Black (14%)



- Cyan (56%)
- Magenta (14%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.3671, 58.6826, 61.3185 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 42.3671, 58.6826, 61.3185 by changing the saturation by 10% instead.

■ 42.3671, 58.6826,
61.3185

■ 42.3671, 58.6826,
61.3185

346.9683,
419.7247, 447.3797

■ 29.5812, 42.3577,
44.0500

■ 78.0166, 102.9162,
108.3020

■ 19.6674, 29.3815,
30.3724

■ 101.6109,
131.5937, 138.8541

■ 12.2604, 19.3696,
19.8669

■ 129.5388,
165.1575, 174.6711

■ 6.9947, 11.9376,
12.1152

162.1655,
203.9919, 216.1717

■ 3.5051, 6.7012,
6.6987

199.8564,
248.4815, 263.7743

■ 1.4262, 3.2760,
3.1988

242.9770,

■ 0.2747, 1.2774,

299.0105, 317.8974

1.1970

291.8925,
355.9635, 378.9597

■ 0.0000, 0.1236,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 42.3671, 58.6826,
61.3185

■ 42.3671, 58.6826,
61.3185

■ 39.3202, 57.1772,
58.2926

■ 46.1218, 60.5537,
64.4766

■ 36.9256, 56.0044,
55.3915


■ 50.6248, 62.8069,
67.7657


■ 35.1273, 55.1370,
52.6130


■ 55.9195, 65.4661,
71.1902


■ 33.8575, 54.5400,
49.9528


■ 62.0444, 68.5512,
74.7527


 33.0136, 54.1604,
47.4054


 69.0356, 72.0805,
78.4557

 32.9118, 54.1154,
47.0655

 76.9269, 76.0717,
82.3017

 81.1941, 78.1923,
86.0798

 81.8994, 78.4744,
89.7937

 82.6245, 78.7644,
93.6119

Harmonies

Analogous

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



44.4134, 58.6826, 43.3531



42.3671, 58.6826, 61.3185



43.6344, 58.6826, 84.5068

Triad

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



42.3671, 58.6826, 61.3185



62.5724, 58.6826, 109.4302



64.2937, 58.6826, 34.8693

Complementary

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



42.3671, 58.6826, 61.3185



39.9377, 28.8337, 27.1297

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.



69.9839, 58.6826, 46.9415



42.3671, 58.6826, 61.3185



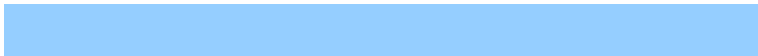
68.9281, 58.6826, 90.0766

Square

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



42.3671, 58.6826, 61.3185



54.8689, 58.6826, 115.7267



71.7520, 58.6826, 66.5435



56.6932, 58.6826, 30.4436

Rectangle

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



42.3671, 58.6826, 61.3185



46.2568, 58.6826, 99.4686



71.7520, 58.6826, 66.5435



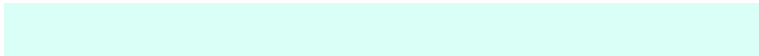
66.5191, 58.6826, 38.0105

Sweetspot

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



42.3688, 58.6849, 61.3199



81.0001, 92.9131, 101.1919



39.0514, 57.7815, 24.7187



16.9618, 19.6982, 21.4350



0.0000, 0.0000, 0.0000



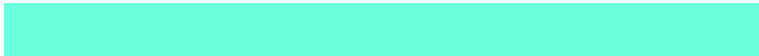
20.3446, 21.4041, 23.3091

Same Dimension

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



42.3688, 58.6849, 61.3199



54.9966, 79.9165, 81.5100



38.4629, 46.1456, 74.5925



13.3134, 14.7770, 16.1130



19.3587, 31.7761, 27.8518



1.2855, 2.0712, 1.9695

Inverse Universe

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



39.9377, 28.8337, 27.1297



51.2622, 33.6979, 28.7206



42.1015, 35.6172, 20.2798



13.1751, 13.0991, 14.1831



17.6867, 9.0757, 2.7301



1.1786, 0.6011, 0.3496

Previews

White Background



This preview shows how the XYZ color 42.3671, 58.6826, 61.3185 looks on a white background.

Color Contrast Check

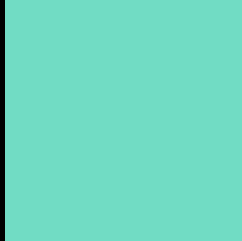
Large Text (above 18pt) WCAG AA × Fail

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 42.3671, 58.6826, 61.3185 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

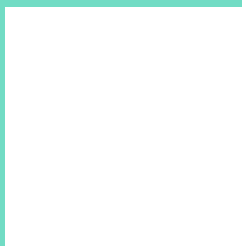
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.3671, 58.6826, 61.3185

Background



This preview shows how black text looks on a background with the XYZ color 42.3671, 58.6826, 61.3185.



This preview shows how white text looks on a background with the XYZ color 42.3671, 58.6826, 61.3185.

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

42.3671, 58.6826, 61.3185

Protanopia

54.9125, 57.6150, 54.1256

Deuteranopia

59.1659, 57.9079, 63.9361



Tritanopia

47.1781, 58.7122, 85.1900

Trichromacy



Original Color

42.3671, 58.6826, 61.3185



Protanomaly

48.7317, 57.1840, 56.6133



Deuteranomaly

50.6037, 56.5853, 62.8985



Tritanomaly

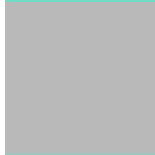
45.3448, 58.7333, 75.9646

Monochromacy



Original Color

42.3671, 58.6826, 61.3185



Achromatopsia

46.1135, 48.5150, 52.8328



Achromatomaly

43.6775, 51.4332, 55.7697

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3671, 58.6826, 61.3185 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(113, 220, 196)` looks like.

```
.text, #text, p{  
    color:rgb(113, 220, 196)  
}
```

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(113, 220, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 220, 196) }
```

Border

The CSS property to change the border of an element to XYZ 42.3671, 58.6826, 61.3185 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(113, 220, 196) }
```


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

```
.border{ border-color:rgb(113, 220, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 220, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 220, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 220, 196);  
box-shadow:4px 4px 4px 4px rgb(113, 220,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3671, 58.6826, 61.3185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 220, 196) }
```

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

```
.background{ background-color: rgb(113,  
220, 196) }
```

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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