

Converting Colors

XYZ(42.8415, 56.1806, 81.2590)

Have a look what the booklet for
XYZ(42.8415, 56.1806, 81.2590)
contains.

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Color

**XYZ(42.8415, 56.1806,
81.2590)**

Conversions

Conversions Part 1

Format	Color
Hex	61D6E3
RGB	97, 214, 227
RGB Percent	38%, 84%, 89%
CMY	0.6196, 0.1608, 0.1098
CMYK	0.57, 0.06, 0.00, 0.11
HSL	186°, 70%, 64%
HSV	186°, 57%, 89%
XYZ	42.8415, 56.1806, 81.2590
YIQ	180.4990, -73.9050, -20.7610

Conversions

Conversions Part 2

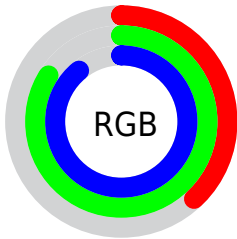
Format	Color
RYB	97, 159, 227
Decimal	6412003
CIELab	79.72, -29.21, -16.38
CIELCh	80, 33.488, 209.291
Yxy	56.1806, 0.2376, 0.3116
Android (android.graphics.Color)	4284602083 (0xFF61D6E3)
YUV	180.4990, 22.9250, -73.2286
Hunter-Lab	74.9537, -29.1433, -11.8100

Details

The XYZ color **42.8415, 56.1806, 81.2590** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **39.4134, 28.3472, 14.7052**, and the grayscale version is **43.5614, 45.8300, 49.9089**.

A 20% lighter version of the original color is **67.9106, 86.0091, 107.6299**, and **19.9962, 27.8530, 43.3520** is the 20% darker color. If you saturate the color by 10%, you get **40.1900, 53.9681, 80.9727**, and if you desaturate by 10%, it is **46.1964, 58.7701, 81.5830**.

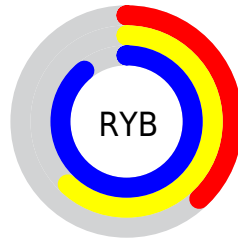
Distribution



Red (38%)

Green (84%)

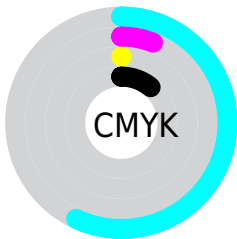
Blue (89%)



Red (38%)

Yellow (62%)

Blue (89%)

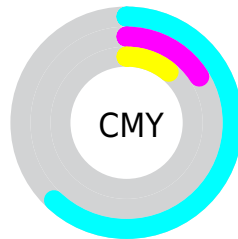


Cyan (57%)

Magenta (6%)

Yellow (0%)

Black (11%)



Cyan (62%)

Magenta (16%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.8415, 56.1806, 81.2590 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 42.8415, 56.1806, 81.2590 by changing the saturation by 10% instead.

42.8415, 56.1806,
81.2590

42.8415, 56.1806,
81.2590

348.8921,
410.3718, 518.9839

29.9548, 40.3477,
60.2227

78.7288, 99.2686,
136.9617

19.9521, 27.8098,
43.1717

102.4601,
127.2925, 172.4652

12.4683, 18.1823,
29.6874

130.5370,
160.1489, 213.6282

7.1379, 11.0810,
19.3514

163.3247,
198.2221, 260.8691

3.5956, 6.1213,
11.7451

201.1888,
241.8967, 314.6066

1.4760, 2.9190,
6.4499

244.4945,

0.3094, 1.0896,

291.5568, 375.2593

3.0474

293.6071,
347.5871, 443.2455

■ 0.0000, 0.0000,
1.1189

■ 0.0000, 0.0000,
0.0000

■ 42.8415, 56.1806,
81.2590

■ 42.8415, 56.1806,
81.2590

■ 40.1900, 53.9681,
80.9727

■ 46.1964, 58.7701,
81.5830

■ 38.1758, 52.0947,
80.7173


■ 50.3031, 61.7578,
81.9433


■ 36.7292, 50.5257,
80.4907


■ 55.2117, 65.1710,
82.3434


■ 35.7562, 49.2126,
80.2885

■ 60.9666, 69.0325,
82.7854


 35.5304, 48.8764,
80.2355

 67.6089, 73.3634,
83.2713

 75.1770, 78.1838,
83.8028

 83.3720, 83.3395,
84.3660

 84.0074, 84.6103,
84.5778

 84.6511, 85.8976,
84.7924

Harmonies

Analogous

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



41.4229, 56.1806, 60.7117



42.8415, 56.1806, 81.2590



47.0292, 56.1806, 99.0992

Triad

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



42.8415, 56.1806, 81.2590



65.3758, 56.1806, 82.2269



53.5590, 56.1806, 30.9794

Complementary

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



42.8415, 56.1806, 81.2590



39.4134, 28.3472, 14.7052

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.



60.3172, 56.1806, 34.4150



42.8415, 56.1806, 81.2590



67.4836, 56.1806, 61.6329

Square

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



42.8415, 56.1806, 81.2590



60.0156, 56.1806, 99.7359



65.5600, 56.1806, 44.7009



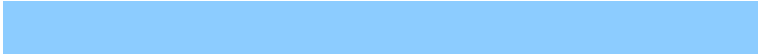
47.2856, 56.1806, 34.1021

Rectangle

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



42.8415, 56.1806, 81.2590



51.0181, 56.1806, 105.5423



65.5600, 56.1806, 44.7009



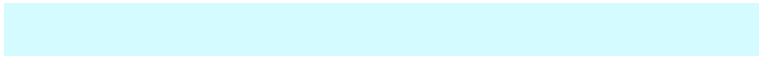
55.8507, 56.1806, 31.3914

Sweetspot

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



42.8432, 56.1827, 81.2603



79.4933, 89.9506, 107.7802



35.0982, 58.5600, 23.5960



16.6703, 19.0248, 23.0435



0.0000, 0.0000, 0.0000



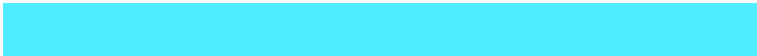
20.3446, 21.4041, 23.3091

Same Dimension

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



42.8432, 56.1827, 81.2603



51.6807, 69.6887, 105.3351



29.8900, 30.2763, 76.9426



14.6778, 16.0771, 18.4739



20.7703, 28.6027, 46.8093



1.5707, 2.1852, 3.4710

Inverse Universe

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



48.0924, 29.7370, 66.8256



59.3852, 32.9974, 83.6720



48.7493, 47.0190, 17.8171



14.9297, 14.5891, 17.8303



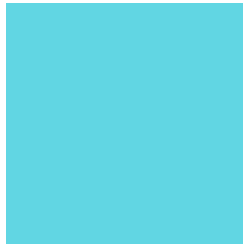
24.8774, 12.0852, 34.5790



1.8564, 0.9003, 2.6504

Previews

White Background



This preview shows how the XYZ color 42.8415, 56.1806, 81.2590 looks on a white background.

Color Contrast Check

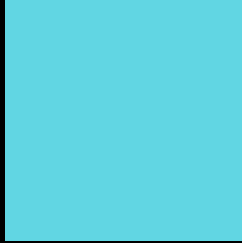
Large Text (above 18pt) WCAG AA × Fail

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 42.8415, 56.1806, 81.2590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

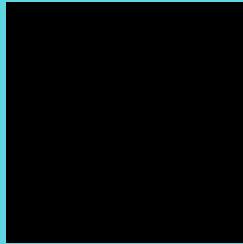
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.8415, 56.1806, 81.2590

Background



This preview shows how black text looks on a background with the XYZ color 42.8415, 56.1806, 81.2590.

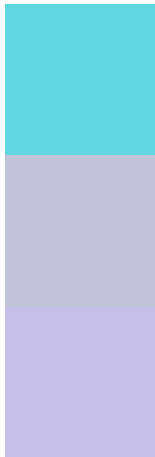


This preview shows how white text looks on a background with the XYZ color 42.8415, 56.1806,

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

42.8415, 56.1806, 81.2590

Protanopia

54.0290, 55.4058, 72.1367

Deuteranopia

56.7038, 55.5312, 84.0739



Tritanopia

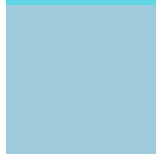
43.3636, 56.0107, 84.1269

Trichromacy



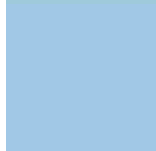
Original Color

42.8415, 56.1806, 81.2590



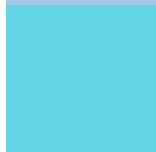
Protanomaly

48.2048, 54.7265, 75.0404



Deuteranomaly

49.6351, 54.5988, 82.7855



Tritanomaly

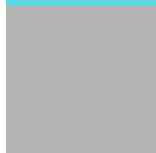
43.1142, 55.8983, 83.3800

Monochromacy



Original Color

42.8415, 56.1806, 81.2590



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

41.8407, 48.7012, 60.6211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8415, 56.1806, 81.2590 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(97, 214, 227)` looks like.

```
.text, #text, p{  
    color:rgb(97, 214, 227)  
}
```

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(97, 214, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 214, 227) }
```

Border

The CSS property to change the border of an element to XYZ 42.8415, 56.1806, 81.2590 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(97, 214, 227) }
```


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

```
.border{ border-color:rgb(97, 214, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 214, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 214, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 214, 227);  
box-shadow:4px 4px 4px 4px rgb(97, 214,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8415, 56.1806, 81.2590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 214, 227) }
```

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

```
.background{ background-color: rgb(97, 214,  
227) }
```

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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