

Converting Colors

XYZ(43.7131, 50.8705, 85.8109)

Have a look what the booklet for
XYZ(43.7131, 50.8705, 85.8109)
contains.

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Color

**XYZ(43.6469, 50.7463,
86.0918)**

Conversions

Conversions Part 1

Format	Color
Hex	7DC6EB
RGB	125, 198, 235
RGB Percent	49%, 78%, 92%
CMY	0.5098, 0.2235, 0.0784
CMYK	0.47, 0.16, 0.00, 0.08
HSL	200°, 73%, 71%
HSV	200°, 47%, 92%
XYZ	43.6469, 50.7463, 86.0918
YIQ	180.3910, -55.3850, -3.9690

Conversions

Conversions Part 2

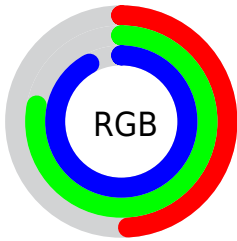
Format	Color
R _{YB}	125, 169, 235
Decimal	8242923
CIE Lab	76.53, -13.06, -25.41
CIE LCh	77, 28.575, 242.797
Yxy	50.7463, 0.2418, 0.2812
Android (android.graphics.Color)	4286433003 (0xFF7DC6EB)
YUV	180.3910, 26.9222, -48.5779
Hunter-Lab	71.2364, -15.2960, -21.7886

Details

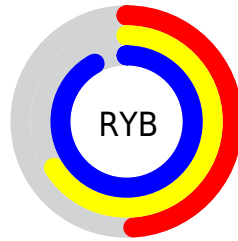
The XYZ color **43.6469, 50.7463, 86.0918** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **50.8841, 44.9848, 25.4047**, and the grayscale version is **43.4750, 45.7391, 49.8099**.

A 20% lighter version of the original color is **73.1014, 88.6851, 107.8728**, and **20.4247, 24.3945, 46.2799** is the 20% darker color. If you saturate the color by 10%, you get **38.8540, 45.6639, 85.3643**, and if you desaturate by 10%, it is **49.3489, 56.4395, 86.8911**.

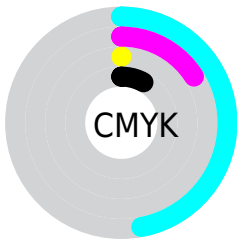
Distribution



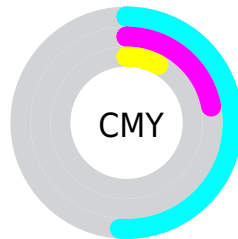
- Red (49%)
- Green (78%)
- Blue (92%)



- Red (49%)
- Yellow (66%)
- Blue (92%)



- Cyan (47%)
- Magenta (16%)
- Yellow (0%)
- Black (8%)



- Cyan (51%)
- Magenta (22%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6469, 50.7463, 86.0918 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 43.6469, 50.7463, 86.0918 by changing the saturation by 10% instead.

■ 43.6469, 50.7463,
86.0918

■ 43.6469, 50.7463,
86.0918

352.1420,
389.5773, 535.4724

■ 30.5897, 36.0067,
64.1886

■ 79.9358, 91.2797,
143.7853

■ 20.4369, 24.4394,
46.3563

■ 103.8982,
117.8422, 180.4126

■ 12.8232, 15.6599,
32.1763

■ 132.2265,
149.1146, 222.7850

■ 7.3830, 9.2838,
21.2303

165.2858,
185.4812, 271.3210

■ 3.7512, 4.9268,
13.0996

203.4417,
227.3264, 326.4392

■ 1.5624, 2.2044,
7.3656

247.0595,

■ 0.3677, 0.7224,

275.0345, 388.5582

3.6099

296.5045,
328.9900, 458.0964

■ 0.0000, 0.0000,
1.4139

■ 0.0000, 0.0000,
0.1525

■ 43.6469, 50.7463,
86.0918

■ 43.6469, 50.7463,
86.0918

■ 38.8540, 45.6639,
85.3643

■ 49.3489, 56.4395,
86.8911

■ 34.9056, 41.1537,
84.7019

■ 56.0089, 62.7675,
87.7615

■ 31.7363, 37.1808,
84.1021

■ 63.6780, 69.7598,
88.7069

■ 29.2672, 33.7025,
83.5608

■ 72.4020, 77.4419,
89.7299

■ 27.3986, 30.6649,
83.0730

■ 82.2237, 85.8380,
90.8329

■ 26.8769, 29.7608,
82.9260

■ 89.0181, 92.8233,
91.8231

■ 91.4664, 97.7199,
92.6392

■ 91.9956, 98.7782,
92.8156

Harmonies

Analogous

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



40.0323, 50.7463, 72.9477



43.6469, 50.7463, 86.0918



48.7404, 50.7463, 90.5325

Triad

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



43.6469, 50.7463, 86.0918



59.3467, 50.7463, 53.8180



42.8323, 50.7463, 33.8648

Complementary

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



43.6469, 50.7463, 86.0918



50.8841, 44.9848, 25.4047

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.



47.7288, 50.7463, 30.5872



43.6469, 50.7463, 86.0918



57.4831, 50.7463, 40.6813

Square

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



43.6469, 50.7463, 86.0918



58.0536, 50.7463, 69.9694



53.1292, 50.7463, 32.8302



39.5872, 50.7463, 42.7617

Rectangle

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



43.6469, 50.7463, 86.0918



52.3624, 50.7463, 87.3951



53.1292, 50.7463, 32.8302



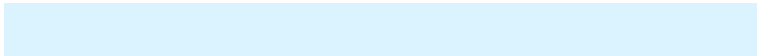
44.3263, 50.7463, 32.1530

Sweetspot

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



43.6485, 50.7482, 86.0930



79.4020, 86.4231, 107.1041



44.6591, 66.3746, 44.4867



16.5282, 18.0822, 22.8690



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.



43.6485, 50.7482, 86.0930



47.0627, 55.2882, 102.7990



33.3269, 30.1050, 82.6525



15.0662, 16.2188, 19.2587



15.0805, 16.8080, 46.1924



1.2723, 1.4961, 3.6566

Inverse Universe

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



51.7890, 36.4082, 57.7260



58.3149, 37.3960, 63.1559



62.6908, 68.5981, 29.3402



15.4870, 15.2226, 17.8497



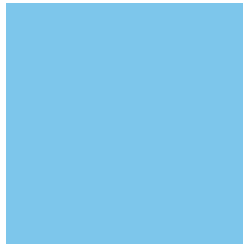
22.4672, 11.1896, 18.7936



1.8087, 0.8964, 1.7100

Previews

White Background



This preview shows how the XYZ color 43.6469, 50.7463, 86.0918 looks on a white background.

Color Contrast Check

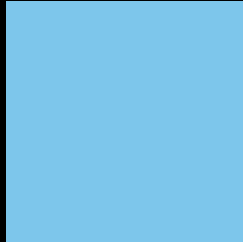
Large Text (above 18pt) WCAG AA × Fail

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 43.6469, 50.7463, 86.0918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

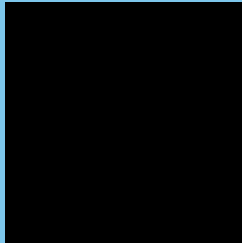
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.6469, 50.7463, 86.0918

Background



This preview shows how black text looks on a background with the XYZ color 43.6469, 50.7463, 86.0918.



This preview shows how white text looks on a background with the XYZ color 43.6469, 50.7463,

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

43.6469, 50.7463, 86.0918

Protanopia

50.0144, 50.2476, 79.7358

Deuteranopia

51.3955, 50.1573, 87.8614



Tritanopia

41.1568, 50.7761, 73.2772

Trichromacy



Original Color

43.6469, 50.7463, 86.0918

Protanomaly

46.9945, 49.9110, 82.0198

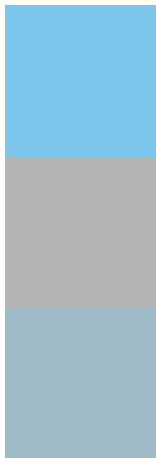
Deuteranomaly

47.9809, 49.9832, 87.2396

Tritanomaly

42.1349, 50.8279, 78.1110

Monochromacy



Original Color

43.6469, 50.7463, 86.0918

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.6929, 47.1844, 61.5009

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6469, 50.7463, 86.0918 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(125, 198, 235)` looks like.

```
.text, #text, p{  
    color:rgb(125, 198, 235)  
}
```

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(125, 198, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 198, 235) }
```

Border

The CSS property to change the border of an element to XYZ 43.6469, 50.7463, 86.0918 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(125, 198, 235) }
```


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

```
.border{ border-color:rgb(125, 198, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 198, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 198, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 198, 235);  
box-shadow:4px 4px 4px 4px rgb(125, 198,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6469, 50.7463, 86.0918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 198, 235) }
```

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

```
.background{ background-color: rgb(125,  
198, 235) }
```

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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