

Converting Colors

XYZ(50.7515, 69.3324, 92.7086)

Have a look what the booklet for
XYZ(50.7515, 69.3324, 92.7086)
contains.

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Color

**XYZ(50.6880, 69.2872,
92.3636)**

Conversions

Conversions Part 1

Format	Color
Hex	60EDEF
RGB	96, 237, 239
RGB Percent	38%, 93%, 94%
CMY	0.6235, 0.0706, 0.0627
CMYK	0.60, 0.01, 0.00, 0.06
HSL	181°, 82%, 66%
HSV	181°, 60%, 94%
XYZ	50.6880, 69.2872, 92.3636
YIQ	195.0690, -84.6780, -29.2700

Conversions

Conversions Part 2

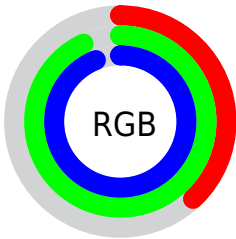
Format	Color
R _Y B	96, 167, 239
Decimal	6352367
CIE Lab	86.65, -36.97, -12.35
CIE LCh	87, 38.978, 198.472
Yxy	69.2872, 0.2387, 0.3263
Android (android.graphics.Color)	4284542447 (0xFF60EDEF)
YUV	195.0690, 21.6580, -86.8835
Hunter-Lab	83.2389, -36.9713, -7.5221

Details

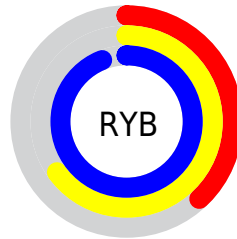
The XYZ color **50.6880, 69.2872, 92.3636** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **42.0769, 27.9319, 14.2416**, and the grayscale version is **51.8261, 54.5251, 59.3778**.

A 20% lighter version of the original color is **68.3072, 86.2136, 107.6485**, and **25.0711, 36.4666, 50.5171** is the 20% darker color. If you saturate the color by 10%, you get **48.4494, 67.9913, 92.2327**, and if you desaturate by 10%, it is **53.6951, 70.9826, 92.5336**.

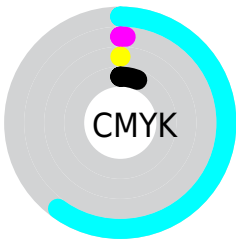
Distribution



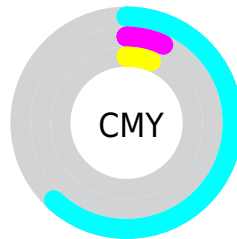
- Red (38%)
- Green (93%)
- Blue (94%)



- Red (38%)
- Yellow (65%)
- Blue (94%)



- Cyan (60%)
- Magenta (1%)
- Yellow (0%)
- Black (6%)



- Cyan (62%)
- Magenta (7%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.6880, 69.2872, 92.3636 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 50.6880, 69.2872, 92.3636 by changing the saturation by 10% instead.

50.6880, 69.2872,
92.3636

50.6880, 69.2872,
92.3636

379.7580,
458.0433, 556.4572

36.1804, 50.9456,
69.3580

90.3792, 118.1917,
152.5813

24.7443, 36.1653,
50.5297

116.2934,
149.5234, 190.6304

16.0144, 24.5619,
35.4603

146.7406,
185.9540, 234.5311

9.6252, 15.7510,
23.7313

182.0861,
227.8678, 284.7020

5.2115, 9.3481,
14.9241

222.6952,
275.6492, 341.5614

2.4079, 4.9689,
8.6201

268.9334,

0.8491, 2.2290,

329.6827, 405.5281

4.4008

321.1658,
390.3526, 477.0205

■ 0.0000, 0.7358,
1.8477

■ 0.0000, 0.0000,
0.4591

■ 50.6880, 69.2872,
92.3636

■ 50.6880, 69.2872,
92.3636

■ 48.4494, 67.9913,
92.2327

■ 53.6951, 70.9826,
92.5336

■ 46.9012, 67.0501,
92.1326


■ 57.5272, 73.1021,
92.7407

■ 45.9603, 66.4222,
92.0610


■ 62.2425, 75.6771,
92.9892


■ 45.4853, 66.0347,
92.0113


■ 67.8926, 78.7343,
93.2815


 45.4786, 66.0288,
92.0105

 74.5248, 82.2980,
93.6199

 82.1833, 86.3911,
94.0063

 87.7867, 89.4251,
94.2965

 87.8848, 89.6212,
94.3292

 87.9830, 89.8176,
94.3619

Harmonies

Analogous

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



50.2311, 69.2872, 65.9124



50.6880, 69.2872, 92.3636



54.9769, 69.2872, 119.2504

Triad

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



50.6880, 69.2872, 92.3636



79.7638, 69.2872, 113.5502



69.3953, 69.2872, 36.3823

Complementary

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



50.6880, 69.2872, 92.3636



42.0769, 27.9319, 14.2416

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.



78.0818, 69.2872, 43.9395



50.6880, 69.2872, 92.3636



84.4240, 69.2872, 85.8484

Square

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



50.6880, 69.2872, 92.3636



71.5255, 69.2872, 133.2850



83.7817, 69.2872, 60.7247



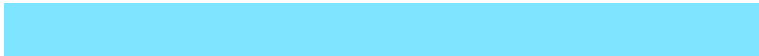
60.4932, 69.2872, 37.3518

Rectangle

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



50.6880, 69.2872, 92.3636



59.6728, 69.2872, 131.9608



83.7817, 69.2872, 60.7247



72.4510, 69.2872, 37.9237

Sweetspot

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



50.6901, 69.2898, 92.3652



79.9286, 91.9014, 108.1338



37.8032, 65.0658, 21.6344



16.6617, 19.4301, 23.1222



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.



50.6901, 69.2898, 92.3652



55.6251, 78.4690, 106.8220



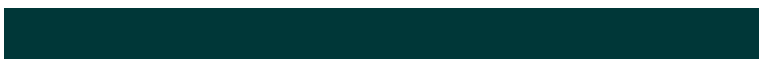
34.3161, 36.5418, 86.9072



16.2274, 17.8888, 20.3192



25.1408, 36.5059, 50.8492



2.0975, 3.0490, 4.2322

Inverse Universe

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



55.0673, 32.8326, 83.5587



61.1585, 32.8734, 95.5790



51.6200, 47.0182, 17.4227



16.4442, 16.0274, 19.8953



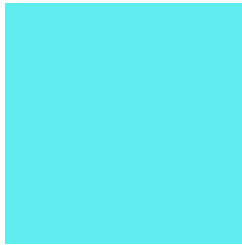
28.0155, 13.4786, 44.8599



2.3337, 1.1225, 3.7480

Previews

White Background



This preview shows how the XYZ color 50.6880, 69.2872, 92.3636 looks on a white background.

Color Contrast Check

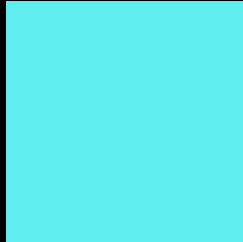
Large Text (above 18pt) WCAG AA × Fail

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 50.6880, 69.2872, 92.3636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

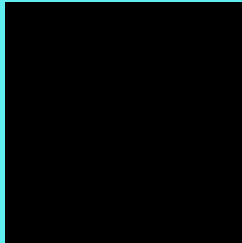
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.6880, 69.2872, 92.3636

Background



This preview shows how black text looks on a background with the XYZ color 50.6880, 69.2872, 92.3636.



This preview shows how white text looks on a background with the XYZ color 50.6880, 69.2872,

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

50.6880, 69.2872, 92.3636

Protanopia

65.9561, 68.1283, 80.9080

Deuteranopia

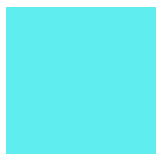
69.6522, 68.2154, 95.8820



Tritanopia

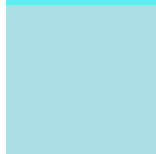
53.0772, 69.3972, 104.3635

Trichromacy



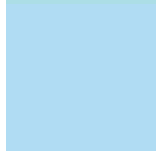
Original Color

50.6880, 69.2872, 92.3636



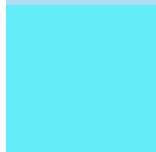
Protanomaly

57.4175, 66.7264, 84.7162



Deuteranomaly

59.6754, 66.8876, 94.5594



Tritanomaly

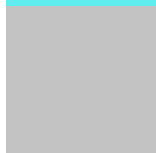
52.3499, 69.5398, 100.2859

Monochromacy



Original Color

50.6880, 69.2872, 92.3636



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

49.1025, 58.1673, 70.2674

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6880, 69.2872, 92.3636 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(96, 237, 239)` looks like.

```
.text, #text, p{  
    color:rgb(96, 237, 239)  
}
```

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(96, 237, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 237, 239) }
```

Border

The CSS property to change the border of an element to XYZ 50.6880, 69.2872, 92.3636 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(96, 237, 239) }
```


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

```
.border{ border-color:rgb(96, 237, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 237, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 237, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 237, 239);  
box-shadow:4px 4px 4px 4px rgb(96, 237,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6880, 69.2872, 92.3636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 237, 239) }
```

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

```
.background{ background-color: rgb(96, 237,  
239) }
```

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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