

Converting Colors

XYZ(43.2952, 53.7724, 89.0835)

Have a look what the booklet for
XYZ(43.2952, 53.7724, 89.0835)
contains.

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Color

**XYZ(43.2249, 53.6235,
88.9611)**

Conversions

Conversions Part 1

Format	Color
Hex	66CFEE
RGB	102, 207, 238
RGB Percent	40%, 81%, 93%
CMY	0.6000, 0.1882, 0.0667
CMYK	0.57, 0.13, 0.00, 0.07
HSL	194°, 80%, 67%
HSV	194°, 57%, 93%
XYZ	43.2249, 53.6235, 88.9611
YIQ	179.1390, -72.5310, -12.6190

Conversions

Conversions Part 2

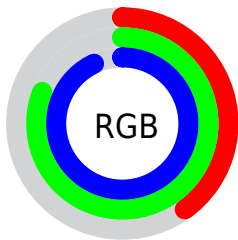
Format	Color
R _Y B	102, 161, 238
Decimal	6737902
CIE Lab	78.24, -21.71, -24.49
CIE LCh	78, 32.724, 228.440
Yxy	53.6235, 0.2326, 0.2886
Android (android.graphics.Color)	4284927982 (0xFF66CFEE)
YUV	179.1390, 29.0185, -67.6509
Hunter-Lab	73.2281, -22.7845, -20.7688

Details

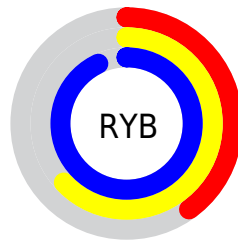
The XYZ color **43.2249, 53.6235, 88.9611** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **46.0470, 35.9130, 17.0770**, and the grayscale version is **42.8014, 45.0304, 49.0381**.

A 20% lighter version of the original color is **68.9143, 86.5265, 107.6769**, and **20.0977, 26.0535, 48.2255** is the 20% darker color. If you saturate the color by 10%, you get **39.6133, 49.8450, 88.4231**, and if you desaturate by 10%, it is **47.6591, 57.8954, 89.5529**.

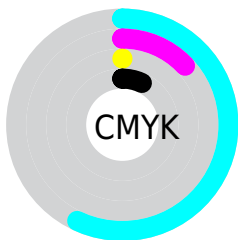
Distribution



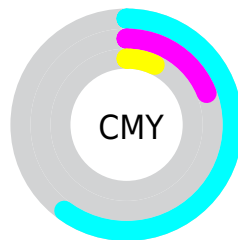
- Red (40%)
- Green (81%)
- Blue (93%)



- Red (40%)
- Yellow (63%)
- Blue (93%)



- Cyan (57%)
- Magenta (13%)
- Yellow (0%)
- Black (7%)



- Cyan (60%)
- Magenta (19%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.2249, 53.6235, 88.9611 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 43.2249, 53.6235, 88.9611 by changing the saturation by 10% instead.

■ 43.2249, 53.6235,
88.9611

■ 43.2249, 53.6235,
88.9611

350.4417,
400.6727, 545.1282

■ 30.2569, 38.3007,
66.5505

■ 79.3037, 95.5212,
147.8174

■ 20.1827, 26.2162,
48.2601

■ 103.1453,
122.8650, 185.1000

■ 12.6370, 16.9854,
33.6714

■ 131.3420,
154.9845, 228.1772

■ 7.2543, 10.2241,
22.3660

164.2594,
192.2642, 277.4673

■ 3.6694, 5.5478,
13.9252

202.2627,
235.0885, 333.3889

■ 1.5168, 2.5721,
7.9305

245.7173,

■ 0.3373, 0.9127,

283.8417, 396.3605

3.9634

294.9885,
338.9083, 466.8008

■ 0.0000, 0.0000,
1.6053

■ 0.0000, 0.0000,
0.2946

■ 43.2249, 53.6235,
88.9611

■ 43.2249, 53.6235,
88.9611

■ 39.6133, 49.8450,
88.4231

■ 47.6591, 57.8954,
89.5529

■ 36.7506, 46.5178,
87.9318

■ 52.9715, 62.6865,
90.1977

■ 34.5577, 43.6017,
87.4845

■ 59.2185, 68.0278,
90.8994

■ 32.9306, 41.0422,
87.0762

■ 66.4501, 73.9457,
91.6606

■ 32.5219, 40.3513,
86.9644

■ 74.7129, 80.4647,
92.4834

■ 84.0502, 87.6080,
93.3700

■ 89.3184, 92.7243,
94.0799

■ 90.9836, 96.0547,
94.6350

■ 92.4328, 98.9531,
95.1181

Harmonies

Analogous

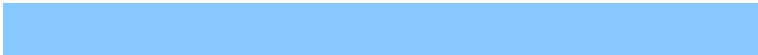
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



40.1526, 53.6235, 70.2715



43.2249, 53.6235, 88.9611



48.5388, 53.6235, 100.2162

Triad

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



43.2249, 53.6235, 88.9611



64.0129, 53.6235, 65.7451



47.1697, 53.6235, 30.9079

Complementary

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



43.2249, 53.6235, 88.9611



46.0470, 35.9130, 17.0770

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.



53.4759, 53.6235, 30.1964



43.2249, 53.6235, 88.9611



63.5685, 53.6235, 47.9240

Square

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



43.2249, 53.6235, 88.9611



60.7512, 53.6235, 85.0556



59.5836, 53.6235, 35.7685



42.2951, 53.6235, 37.9717

Rectangle

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



43.2249, 53.6235, 88.9611



52.7970, 53.6235, 100.6950



59.5836, 53.6235, 35.7685



49.1809, 53.6235, 29.9820

Sweetspot

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



43.2266, 53.6255, 88.9624



77.7890, 86.5419, 107.2121



40.1839, 65.6265, 32.1901



16.2642, 18.2126, 22.9081



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.



43.2266, 53.6255, 88.9624



45.5523, 57.4317, 103.2923



30.3699, 27.9121, 84.6768



15.9241, 17.2823, 20.2181



18.2459, 22.7160, 48.5508



1.5916, 2.0371, 4.0635

Inverse Universe

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



51.2752, 32.1865, 62.5437



56.2918, 31.7601, 67.3825



58.1905, 60.2000, 21.1248



16.2911, 15.9662, 19.0892



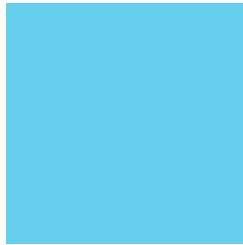
24.5353, 12.0865, 26.5331



2.0783, 1.0204, 2.4031

Previews

White Background



This preview shows how the XYZ color 43.2249, 53.6235, 88.9611 looks on a white background.

Color Contrast Check

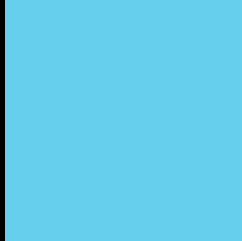
Large Text (above 18pt) WCAG AA × Fail

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 43.2249, 53.6235, 88.9611 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 43.2249, 53.6235, 88.9611

Background



This preview shows how black text looks on a background with the XYZ color 43.2249, 53.6235, 88.9611.



This preview shows how white text looks on a background with the XYZ color 43.2249, 53.6235,

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

43.2249, 53.6235, 88.9611

Protanopia

52.5035, 53.1219, 80.1594

Deuteranopia

54.2322, 53.1203, 91.3993



Tritanopia

41.4577, 53.6333, 80.1187

Trichromacy



Original Color

43.2249, 53.6235, 88.9611

Protanomaly

47.9076, 52.6706, 83.2427

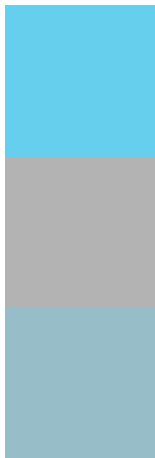
Deuteranomaly

49.1347, 52.7993, 90.8207

Tritanomaly

41.9844, 53.4776, 82.9723

Monochromacy



Original Color

43.2249, 53.6235, 88.9611

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

41.3854, 47.1446, 61.5622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2249, 53.6235, 88.9611 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(102, 207, 238)` looks like.

```
.text, #text, p{  
    color:rgb(102, 207, 238)  
}
```

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(102, 207, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 207, 238) }
```

Border

The CSS property to change the border of an element to XYZ 43.2249, 53.6235, 88.9611 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(102, 207, 238) }
```


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

```
.border{ border-color:rgb(102, 207, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 207, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 207, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 207, 238);  
box-shadow:4px 4px 4px 4px rgb(102, 207,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2249, 53.6235, 88.9611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 207, 238) }
```

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

```
.background{ background-color: rgb(102,  
207, 238) }
```

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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