

Converting Colors

XYZ(43.7254, 52.8805, 90.6482)

Have a look what the booklet for
XYZ(43.7254, 52.8805, 90.6482)
contains.

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Color

**XYZ(43.6277, 52.7282,
90.3162)**

Conversions

Conversions Part 1

Format	Color
Hex	6DCCF0
RGB	109, 204, 240
RGB Percent	43%, 80%, 94%
CMY	0.5725, 0.2000, 0.0588
CMYK	0.55, 0.15, 0.00, 0.06
HSL	196°, 81%, 68%
HSV	196°, 55%, 94%
XYZ	43.6277, 52.7282, 90.3162
YIQ	179.6990, -68.1760, -8.9440

Conversions

Conversions Part 2

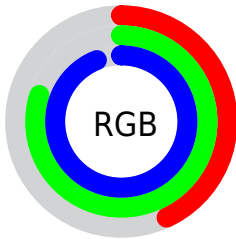
Format	Color
RYB	109, 164, 240
Decimal	7195888
CIELab	77.71, -18.25, -26.34
CIElCh	78, 32.042, 235.291
Yxy	52.7282, 0.2337, 0.2825
Android (android.graphics.Color)	4285385968 (0xFF6DCCF0)
YUV	179.6990, 29.7284, -62.0030
Hunter-Lab	72.6142, -19.8293, -22.9139

Details

The XYZ color **43.6277, 52.7282, 90.3162** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **48.8223, 39.8819, 19.5945**, and the grayscale version is **43.0947, 45.3390, 49.3742**.

A 20% lighter version of the original color is **70.1722, 87.1750, 107.7357**, and **20.4725, 25.7448, 49.2376** is the 20% darker color. If you saturate the color by 10%, you get **39.5342, 48.3409, 89.6861**, and if you desaturate by 10%, it is **48.5969, 57.6677, 91.0087**.

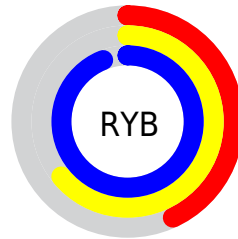
Distribution



Red (43%)

Green (80%)

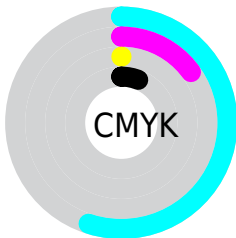
Blue (94%)



Red (43%)

Yellow (64%)

Blue (94%)

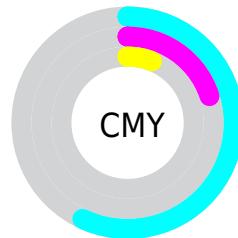


Cyan (55%)

Magenta (15%)

Yellow (0%)

Black (6%)



Cyan (57%)

Magenta (20%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6277, 52.7282, 90.3162 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 43.6277, 52.7282, 90.3162 by changing the saturation by 10% instead.

43.6277, 52.7282,
90.3162

43.6277, 52.7282,
90.3162

352.0648,
397.2415, 549.6555

30.5746, 37.5858,
67.6677

79.9071, 94.2043,
149.7169

20.4254, 25.6614,
49.1625

103.8640,
121.3068, 187.3062

12.8147, 16.5705,
34.3819

132.1863,
153.1649, 230.7129

7.3772, 9.9288,
22.9074

165.2392,
190.1628, 280.3554

3.7475, 5.3517,
14.3205

203.3882,
232.6850, 336.6524

1.5603, 2.4551,
8.2026

246.9985,

0.3663, 0.8540,

281.1160, 400.0224

4.1352

296.4356,
335.8400, 470.8839

■ 0.0000, 0.0000,
1.6998

■ 0.0000, 0.0000,
0.3606

■ 43.6277, 52.7282,
90.3162

■ 43.6277, 52.7282,
90.3162

■ 39.5342, 48.3409,
89.6861

■ 48.5969, 57.6677,
91.0087

■ 36.2431, 44.4635,
89.1111

■ 54.4971, 63.1858,
91.7628

■ 33.6771, 41.0560,
88.5887

■ 61.3850, 69.3140,
92.5826

■ 31.7396, 38.0674,
88.1139

■ 69.3110, 76.0794,
93.4707

■ 30.8736, 36.5818,
87.8728

■ 78.3220, 83.5072,
94.4295

■ 88.4620, 91.6214,
95.4613

■ 91.2070, 96.0287,
96.1673

■ 92.7284, 99.0713,
96.6744

Harmonies

Analogous

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



40.0883, 52.7282, 73.2751



43.6277, 52.7282, 90.3162



49.1438, 52.7282, 98.6239

Triad

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



43.6277, 52.7282, 90.3162



62.9671, 52.7282, 60.2621



45.1922, 52.7282, 31.7361

Complementary

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



43.6277, 52.7282, 90.3162



48.8223, 39.8819, 19.5945

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.



51.1021, 52.7282, 29.6559



43.6277, 52.7282, 90.3162



61.6916, 52.7282, 44.0215

Square

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



43.6277, 52.7282, 90.3162



60.5738, 52.7282, 79.1398



57.2189, 52.7282, 33.6625



40.9379, 52.7282, 40.0767

Rectangle

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



43.6277, 52.7282, 90.3162



53.3280, 52.7282, 97.0633



57.2189, 52.7282, 33.6625



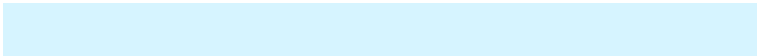
47.0367, 52.7282, 30.3656

Sweetspot

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



43.6294, 52.7302, 90.3175



78.1269, 86.1201, 107.1129



42.4972, 67.5842, 37.1660



16.3068, 18.0818, 22.8806



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.



43.6294, 52.7302, 90.3175



45.1051, 55.1788, 102.8810



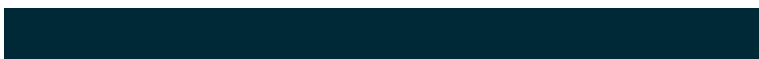
31.3514, 28.1742, 86.2248



15.8587, 17.1516, 20.1963



17.0173, 20.2589, 48.1413



1.4983, 1.8506, 4.0324

Inverse Universe

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



52.3044, 33.8239, 60.9006



56.3978, 33.0723, 64.0259



61.6038, 65.4448, 23.8550



16.2581, 15.9530, 18.9155



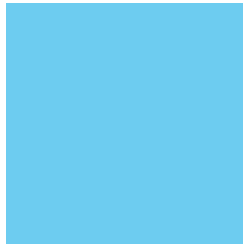
23.9152, 11.8385, 23.2677



2.0312, 1.0015, 2.1552

Previews

White Background



This preview shows how the XYZ color 43.6277, 52.7282, 90.3162 looks on a white background.

Color Contrast Check

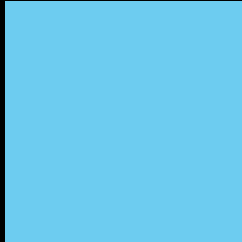
Large Text (above 18pt) WCAG AA × Fail

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 43.6277, 52.7282, 90.3162 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 43.6277, 52.7282, 90.3162

Background



This preview shows how black text looks on a background with the XYZ color 43.6277, 52.7282, 90.3162.

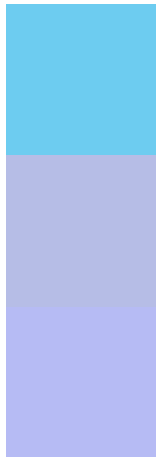


This preview shows how white text looks on a background with the XYZ color 43.6277, 52.7282,

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

43.6277, 52.7282, 90.3162

Protanopia

51.7719, 52.0534, 82.1816

Deuteranopia

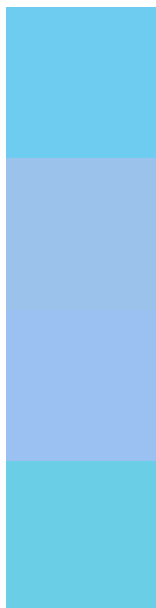
53.3909, 52.0174, 92.8143



Tritanopia

41.3609, 52.8910, 78.5501

Trichromacy



Original Color

43.6277, 52.7282, 90.3162

Protanomaly

47.6606, 51.4926, 85.2690

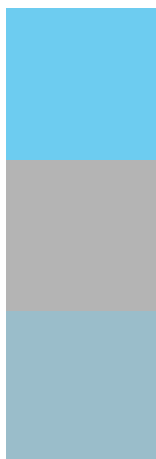
Deuteranomaly

48.7652, 51.5796, 92.1797

Tritanomaly

42.1799, 52.8590, 82.8426

Monochromacy



Original Color

43.6277, 52.7282, 90.3162

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.1847, 47.5295, 62.8279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6277, 52.7282, 90.3162 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(109, 204, 240)` looks like.

```
.text, #text, p{  
    color:rgb(109, 204, 240)  
}
```

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(109, 204, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 204, 240) }
```

Border

The CSS property to change the border of an element to XYZ 43.6277, 52.7282, 90.3162 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(109, 204, 240) }
```


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

```
.border{ border-color:rgb(109, 204, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 204, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 204, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 204, 240);  
box-shadow:4px 4px 4px 4px rgb(109, 204,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6277, 52.7282, 90.3162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 204, 240) }
```

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

```
.background{ background-color: rgb(109,  
204, 240) }
```

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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