

Converting Colors

XYZ(35.2601, 43.9555, 77.1465)

Have a look what the booklet for
XYZ(35.2601, 43.9555, 77.1465)
contains.

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Color

**XYZ(35.2613, 43.9581,
77.1473)**

Conversions

Conversions Part 1

Format	Color
Hex	51BEE0
RGB	81, 190, 224
RGB Percent	32%, 75%, 88%
CMY	0.6823, 0.2549, 0.1216
CMYK	0.64, 0.15, 0.00, 0.12
HSL	194°, 70%, 60%
HSV	194°, 64%, 88%
XYZ	35.2613, 43.9581, 77.1473
YIQ	161.2850, -75.8780, -12.5340

Conversions

Conversions Part 2

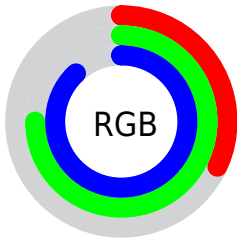
Format	Color
R_{YB}	81, 143, 224
Decimal	5357280
CIE _{Lab}	72.20, -20.90, -26.23
CIE _{LCh}	72, 33.540, 231.449
Yxy	43.9581, 0.2255, 0.2811
Android (android.graphics.Color)	4283547360 (0xFF51BEE0)
YUV	161.2850, 30.9185, -70.4099
Hunter-Lab	66.3009, -21.0936, -22.5788

Details

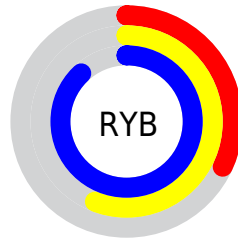
The XYZ color **35.2613, 43.9581, 77.1473** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **38.3576, 28.7043, 11.3048**, and the grayscale version is **33.8963, 35.6615, 38.8354**.

A 20% lighter version of the original color is **62.5074, 79.0608, 106.5735**, and **15.9656, 20.4729, 40.6463** is the 20% darker color. If you saturate the color by 10%, you get **32.5166, 40.8627, 76.6953**, and if you desaturate by 10%, it is **38.6839, 47.4673, 77.6451**.

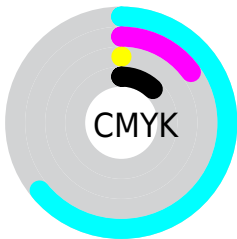
Distribution



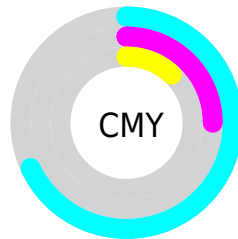
- Red (32%)
- Green (75%)
- Blue (88%)



- Red (32%)
- Yellow (56%)
- Blue (88%)



- Cyan (64%)
- Magenta (15%)
- Yellow (0%)
- Black (12%)



- Cyan (68%)
- Magenta (25%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2613, 43.9581, 77.1473 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 35.2613, 43.9581, 77.1473 by changing the saturation by 10% instead.

■ 35.2613, 43.9581,
77.1473

■ 35.2613, 43.9581,
77.1473

317.2080,
362.5373, 504.7171

■ 24.0317, 30.6376,
56.8615

■ 67.2217, 81.1547,
131.1223

■ 15.4820, 20.3230,
40.4854

■ 88.6832, 105.7995,
165.6486

■ 9.2469, 12.6301,
27.6006

■ 114.2861,
134.9880, 205.7588

■ 4.9609, 7.1743,
17.7884

■ 144.3957,
169.1043, 251.8714

■ 2.2589, 3.5714,
10.6303

179.3773,
208.5330, 304.4050

■ 0.7735, 1.4368,
5.7078

219.5963,

■ 0.0000, 0.2436,

253.6585, 363.7781

2.6023

265.4181,
304.8651, 430.4093

■ 0.0000, 0.0000,
0.8937

■ 0.0000, 0.0000,
0.0000

■ 35.2613, 43.9581,
77.1473

■ 35.2613, 43.9581,
77.1473

■ 32.5166, 40.8627,
76.6953

■ 38.6839, 47.4673,
77.6451

■ 30.3801, 38.1419,
76.2828

■ 42.8367, 51.4153,
78.1883

■ 28.7738, 35.7556,
75.9068

■ 47.7716, 55.8303,
78.7803

■ 27.9691, 34.4106,
75.6896

■ 53.5344, 60.7367,
79.4236

■ 60.1671, 66.1566,
80.1202

■ 67.7090, 72.1110,
80.8720

■ 76.1969, 78.6194,
81.6809

■ 83.7232, 84.6990,
82.4577

■ 85.2505, 87.7534,
82.9668

Harmonies

Analogous

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



32.3107, 43.9581, 60.4023



35.2613, 43.9581, 77.1473



40.1580, 43.9581, 86.5070

Triad

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



35.2613, 43.9581, 77.1473



53.6976, 43.9581, 52.7281



37.8664, 43.9581, 24.0237

Complementary

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



35.2613, 43.9581, 77.1473



38.3576, 28.7043, 11.3048

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.



43.4468, 43.9581, 22.8795



35.2613, 43.9581, 77.1473



52.9413, 43.9581, 37.1914

Square

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



35.2613, 43.9581, 77.1473



51.0391, 43.9581, 70.4369



49.0582, 43.9581, 27.1223



33.7159, 43.9581, 30.7147

Rectangle

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



35.2613, 43.9581, 77.1473



44.0144, 43.9581, 86.0951



49.0582, 43.9581, 27.1223



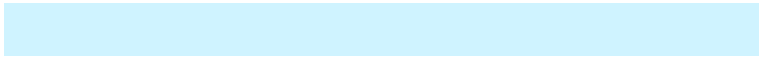
39.6242, 43.9581, 23.0500

Sweetspot

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



35.2627, 43.9597, 77.1484



75.8512, 84.8099, 106.9799



33.1084, 56.2850, 25.1500



15.6995, 17.7120, 22.8413



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.



35.2627, 43.9597, 77.1484



42.4659, 53.4051, 102.6778



23.4620, 20.3582, 73.2148



13.8260, 14.9911, 17.5525



16.3727, 20.2149, 44.0873



1.2022, 1.5360, 3.0783

Inverse Universe

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



42.9784, 25.4512, 51.3642



54.2101, 28.9217, 62.6037



49.7577, 51.5045, 15.1048



14.1484, 13.8770, 16.5515



22.2044, 10.9488, 23.5398



1.5731, 0.7725, 1.8107

Previews

White Background



This preview shows how the XYZ color 35.2613, 43.9581, 77.1473 looks on a white background.

Color Contrast Check

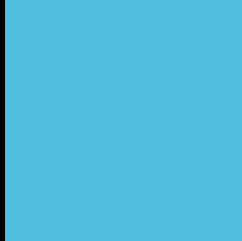
Large Text (above 18pt) WCAG AA × Fail

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 35.2613, 43.9581, 77.1473 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 35.2613, 43.9581, 77.1473

Background



This preview shows how black text looks on a background with the XYZ color 35.2613, 43.9581, 77.1473.



This preview shows how white text looks on a background with the XYZ color 35.2613, 43.9581,

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

35.2613, 43.9581, 77.1473

Protanopia

43.0826, 43.2917, 69.0362

Deuteranopia

44.4642, 43.4879, 79.4493



Tritanopia

33.2028, 44.1105, 66.4387

Trichromacy



Original Color

35.2613, 43.9581, 77.1473

Protanomaly

38.9990, 42.8865, 71.8681

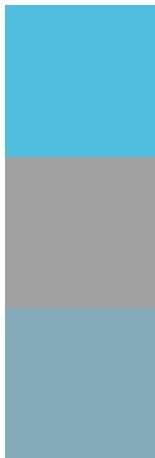
Deuteranomaly

39.8167, 42.8546, 78.8462

Tritanomaly

33.9677, 44.0908, 70.3384

Monochromacy



Original Color

35.2613, 43.9581, 77.1473

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

32.9200, 37.8713, 50.9222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2613, 43.9581, 77.1473 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(81, 190, 224)` looks like.

```
.text, #text, p{  
    color:rgb(81, 190, 224)  
}
```

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(81, 190, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 190, 224) }
```

Border

The CSS property to change the border of an element to XYZ 35.2613, 43.9581, 77.1473 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(81, 190, 224) }
```


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

```
.border{ border-color:rgb(81, 190, 224) }
```

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

Here you see how a box with a 4 pixel rgb(81, 190, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 190, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 190, 224);  
box-shadow:4px 4px 4px 4px rgb(81, 190,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2613, 43.9581, 77.1473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 190, 224) }
```

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

```
.background{ background-color: rgb(81, 190,  
224) }
```

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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