

Converting Colors

XYZ(35.0338, 44.3602, 66.6303)

Have a look what the booklet for
XYZ(35.0338, 44.3602, 66.6303)
contains.

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Color

**XYZ(35.0530, 44.4123,
66.3995)**

Conversions

Conversions Part 1

Format	Color
Hex	62BFD0
RGB	98, 191, 208
RGB Percent	38%, 75%, 82%
CMY	0.6157, 0.2510, 0.1843
CMYK	0.53, 0.08, 0.00, 0.18
HSL	189°, 54%, 60%
HSV	189°, 53%, 82%
XYZ	35.0530, 44.4123, 66.3995
YIQ	165.1310, -60.8850, -14.4290

Conversions

Conversions Part 2

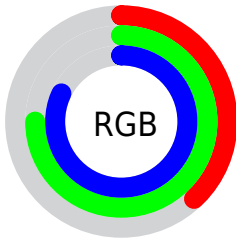
Format	Color
RYB	98, 148, 208
Decimal	6471632
CIELab	72.50, -22.92, -17.01
CIELCh	73, 28.540, 216.586
Yxy	44.4123, 0.2403, 0.3045
Android (android.graphics.Color)	4284661712 (0xFF62BFD0)
YUV	165.1310, 21.1344, -58.8739
Hunter-Lab	66.6426, -22.7361, -12.4240

Details

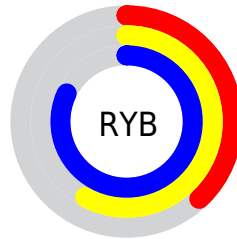
The XYZ color **35.0530, 44.4123, 66.3995** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **34.3489, 26.5545, 14.8718**, and the grayscale version is **35.7510, 37.6129, 40.9604**.

A 20% lighter version of the original color is **65.3277, 81.4227, 106.8808**, and **15.3435, 20.5157, 33.7231** is the 20% darker color. If you saturate the color by 10%, you get **32.4006, 42.0166, 66.0777**, and if you desaturate by 10%, it is **38.3066, 47.1427, 66.7558**.

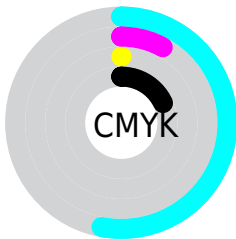
Distribution



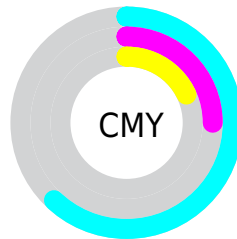
- Red (38%)
- Green (75%)
- Blue (82%)



- Red (38%)
- Yellow (58%)
- Blue (82%)



- Cyan (53%)
- Magenta (8%)
- Yellow (0%)
- Black (18%)





- Cyan (62%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0530, 44.4123, 66.3995 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 35.0530, 44.4123, 66.3995 by changing the saturation by 10% instead.


 35.0530, 44.4123,
66.3995


 35.0530, 44.4123,
66.3995


316.3061,
364.3881, 466.2474

 23.8704, 30.9948,
48.1383


 66.9013, 81.8378,
115.6920


 15.3617, 20.5949,
33.5756


 88.2978, 106.6146,
147.5603

 9.1616, 12.8282,
22.2930

 113.8296,
135.9465, 184.8014

 4.9047, 7.3103,
13.8720

 143.8621,
170.2181, 227.8338

 2.2256, 3.6569,
7.8940

178.7607,
209.8136, 277.0761

 0.7562, 1.4836,
3.9404

218.8906,

 0.0000, 0.2771,

255.1175, 332.9468

1.5927

264.6173,
306.5142, 395.8644

■ 0.0000, 0.0000,
0.2856

■ 0.0000, 0.0000,
0.0000

■ 35.0530, 44.4123,
66.3995

■ 35.0530, 44.4123,
66.3995

■ 32.4006, 42.0166,
66.0777

■ 38.3066, 47.1427,
66.7558

■ 30.2990, 39.9266,
65.7850

■ 42.1987, 50.2242,
67.1455

■ 28.6963, 38.1164,
65.5201

■ 46.7681, 53.6781,
67.5713

■ 27.5285, 36.5527,
65.2798

■ 52.0495, 57.5223,
68.0350

■ 26.8827, 35.5489,
65.1201

■ 58.0751, 61.7735,
68.5380

■ 64.8752, 66.4475,
69.0817

■ 72.4783, 71.5592,
69.6677

■ 77.3656, 75.2946,
70.1311

■ 78.2008, 76.9651,
70.4095

Harmonies

Analogous

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



33.4831, 44.4123, 51.5367



35.0530, 44.4123, 66.3995



38.5586, 44.4123, 77.7745

Triad

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



35.0530, 44.4123, 66.3995



51.5171, 44.4123, 59.9606



41.1352, 44.4123, 26.1011

Complementary

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



35.0530, 44.4123, 66.3995



34.3489, 26.5545, 14.8718

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.



46.0904, 44.4123, 27.4874



35.0530, 44.4123, 66.3995



52.3410, 44.4123, 45.3117

Square

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



35.0530, 44.4123, 66.3995



48.1150, 44.4123, 73.5803



50.2861, 44.4123, 33.9211



36.8137, 44.4123, 29.6786

Rectangle

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



35.0530, 44.4123, 66.3995



41.6509, 44.4123, 80.8141



50.2861, 44.4123, 33.9211



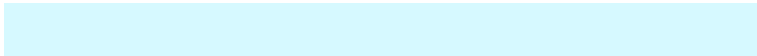
42.7793, 44.4123, 26.0144

Sweetspot

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



35.0544, 44.4140, 66.4006



79.6214, 89.1091, 107.6110



30.6599, 48.9358, 23.9003



16.6657, 18.7995, 23.0002



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.



35.0544, 44.4140, 66.4006



51.0472, 66.3085, 104.7161



25.2983, 24.9018, 63.1485



11.9963, 13.0828, 15.1366



16.8123, 22.2712, 40.6052



0.9830, 1.3313, 2.2847

Inverse Universe

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



39.7853, 25.9082, 52.1958



59.5812, 35.0507, 78.6160



42.4994, 42.8554, 17.5887



12.2290, 11.9763, 14.4818



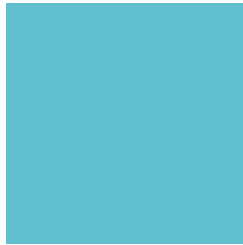
21.1168, 10.3196, 26.5849



1.2024, 0.5857, 1.6007

Previews

White Background



This preview shows how the XYZ color 35.0530, 44.4123, 66.3995 looks on a white background.

Color Contrast Check

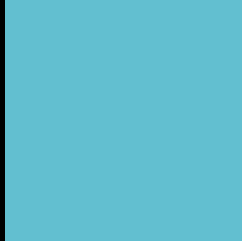
Large Text (above 18pt) WCAG AA × Fail

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 35.0530, 44.4123, 66.3995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

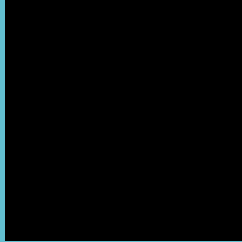
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.0530, 44.4123, 66.3995

Background



This preview shows how black text looks on a background with the XYZ color 35.0530, 44.4123, 66.3995.



This preview shows how white text looks on a background with the XYZ color 35.0530, 44.4123,

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

35.0530, 44.4123, 66.3995

Protanopia

43.1739, 44.1266, 59.6678

Deuteranopia

44.9587, 43.9877, 68.4083



Tritanopia

34.9303, 44.3633, 65.7534

Trichromacy



Original Color

35.0530, 44.4123, 66.3995

Protanomaly

39.0386, 43.4230, 62.2010

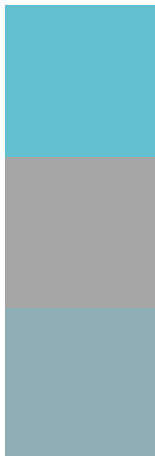
Deuteranomaly

40.2919, 43.6416, 67.9281

Tritanomaly

34.9303, 44.3633, 65.7534

Monochromacy



Original Color

35.0530, 44.4123, 66.3995

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

34.4610, 39.2710, 49.4798

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0530, 44.4123, 66.3995 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(98, 191, 208)` looks like.

```
.text, #text, p{  
    color:rgb(98, 191, 208)  
}
```

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(98, 191, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 191, 208) }
```

Border

The CSS property to change the border of an element to XYZ 35.0530, 44.4123, 66.3995 is called "border". The border property can be set on classes, ids or directly on the HTML element.

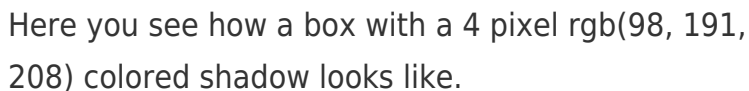
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(98, 191, 208) }
```


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

```
.border{ border-color:rgb(98, 191, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(98, 191, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(98, 191, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(98, 191, 208); box-shadow:4px 4px 4px 4px rgb(98, 191, 208) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0530, 44.4123, 66.3995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 191, 208) }
```

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

```
.background{ background-color: rgb(98, 191,  
208) }
```

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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