

Converting Colors

XYZ(35.9680, 43.1351, 69.2369)

Have a look what the booklet for
XYZ(35.9680, 43.1351, 69.2369)
contains.

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Color

**XYZ(35.9996, 43.2369,
69.3990)**

Conversions

Conversions Part 1

Format	Color
Hex	6EBAD5
RGB	110, 186, 213
RGB Percent	43%, 73%, 84%
CMY	0.5686, 0.2706, 0.1647
CMYK	0.48, 0.13, 0.00, 0.16
HSL	196°, 55%, 63%
HSV	196°, 48%, 84%
XYZ	35.9996, 43.2369, 69.3990
YIQ	166.3540, -53.9630, -7.7150

Conversions

Conversions Part 2

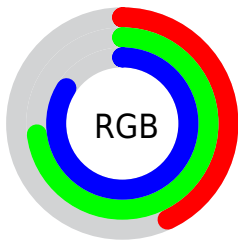
Format	Color
RYB	110, 154, 213
Decimal	7256789
CIELab	71.72, -16.32, -20.89
CIELCh	72, 26.506, 231.992
Yxy	43.2369, 0.2422, 0.2909
Android (android.graphics.Color)	4285446869 (0xFF6EBAD5)
YUV	166.3540, 22.9965, -49.4225
Hunter-Lab	65.7548, -17.3452, -16.5476

Details

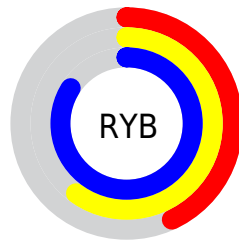
The XYZ color **35.9996, 43.2369, 69.3990** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **39.2018, 33.1645, 19.0885**, and the grayscale version is **36.3289, 38.2208, 41.6225**.

A 20% lighter version of the original color is **65.7385, 78.9398, 106.3799**, and **15.9243, 19.9475, 35.3587** is the 20% darker color. If you saturate the color by 10%, you get **32.5081, 39.7256, 68.9061**, and if you desaturate by 10%, it is **40.1768, 47.1717, 69.9391**.

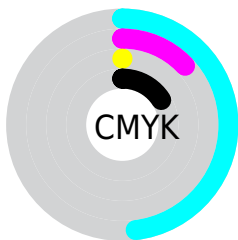
Distribution



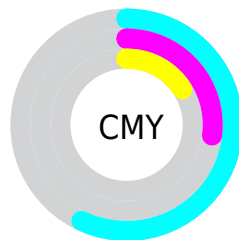
- Red (43%)
- Green (73%)
- Blue (84%)



- Red (43%)
- Yellow (60%)
- Blue (84%)



- Cyan (48%)
- Magenta (13%)
- Yellow (0%)
- Black (16%)



- Cyan (57%)
- Magenta (27%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.9996, 43.2369, 69.3990 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 35.9996, 43.2369, 69.3990 by changing the saturation by 10% instead.

■ 35.9996, 43.2369,
69.3990

■ 35.9996, 43.2369,
69.3990

320.3901,
359.5851, 477.1690

■ 24.6040, 30.0710,
50.5630

■ 68.3553, 80.0682,
120.0244

■ 15.9094, 19.8925,
35.4866

■ 90.0462, 104.5025,
152.6507

■ 9.5505, 12.3169,
23.7514

■ 115.8994,
133.4617, 190.7110

■ 5.1619, 6.9599,
14.9388

146.2805,
167.3301, 234.6236

■ 2.3783, 3.4370,
8.6303

181.5548,
206.4923, 284.8072

■ 0.8343, 1.3639,
4.4073

222.0875,

■ 0.0000, 0.1899,

251.3326, 341.6802

1.8514

268.2442,
302.2354, 405.6613

■ 0.0000, 0.0000,
0.4615

■ 0.0000, 0.0000,
0.0000

■ 35.9996, 43.2369,
69.3990

■ 35.9996, 43.2369,
69.3990

■ 32.5081, 39.7256,
68.9061

■ 40.1768, 47.1717,
69.9391

■ 29.6511, 36.6080,
68.4549

■ 45.0777, 51.5478,
70.5255

■ 27.3769, 33.8575,
68.0438

■ 50.7426, 56.3873,
71.1610

■ 25.6229, 31.4411,
67.6699

■ 57.2073, 61.7097,
71.8476

■ 24.2958, 29.3099,
67.3284

■ 64.5053, 67.5328,
72.5870

■ 24.0957, 28.9748,
67.2743

■ 72.6682, 73.8737,
73.3806

■ 80.1990, 79.9614,
74.1588

■ 81.7340, 83.0314,
74.6704

■ 83.3189, 86.2011,
75.1987

Harmonies

Analogous

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



33.5908, 43.2369, 56.9690



35.9996, 43.2369, 69.3990



39.9030, 43.2369, 76.0902

Triad

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



35.9996, 43.2369, 69.3990



50.2622, 43.2369, 50.6109



37.9429, 43.2369, 27.6533

Complementary

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



35.9996, 43.2369, 69.3990



39.2018, 33.1645, 19.0885

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.



42.3113, 43.2369, 26.5737



35.9996, 43.2369, 69.3990



49.6419, 43.2369, 38.4031

Square

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



35.9996, 43.2369, 69.3990



48.2887, 43.2369, 64.0243



46.6507, 43.2369, 30.1432



34.6544, 43.2369, 33.4210

Rectangle

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



35.9996, 43.2369, 69.3990



42.9175, 43.2369, 75.6793



46.6507, 43.2369, 30.1432



39.3255, 43.2369, 26.7783

Sweetspot

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



36.0010, 43.2385, 69.4000



79.2354, 87.2222, 107.2672



34.6521, 52.6750, 31.5420



16.5328, 18.3142, 22.9136



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.



36.0010, 43.2385, 69.4000



48.7406, 59.5822, 103.5394



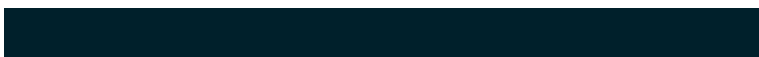
27.2110, 25.6586, 66.4700



12.5039, 13.5313, 15.8903



14.8056, 17.8730, 41.1226



0.9586, 1.2093, 2.5022

Inverse Universe

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



41.8807, 28.8446, 49.8162



58.9327, 36.7661, 69.1130



48.0796, 50.9200, 22.0478



12.8076, 12.5745, 14.9269



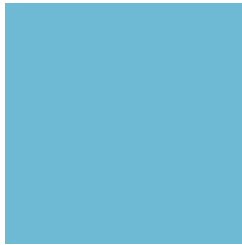
20.5320, 10.1491, 20.6376



1.2715, 0.6254, 1.4192

Previews

White Background



This preview shows how the XYZ color 35.9996, 43.2369, 69.3990 looks on a white background.

Color Contrast Check

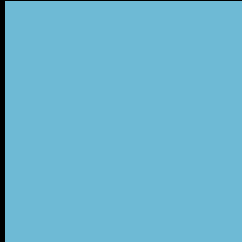
Large Text (above 18pt) WCAG AA × Fail

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 35.9996, 43.2369, 69.3990 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

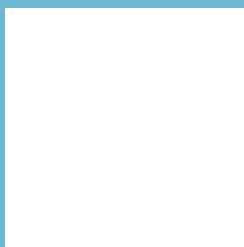
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.9996, 43.2369, 69.3990

Background



This preview shows how black text looks on a background with the XYZ color 35.9996, 43.2369, 69.3990.



This preview shows how white text looks on a background with the XYZ color 35.9996, 43.2369,

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

35.9996, 43.2369, 69.3990

Protanopia

42.2048, 42.6818, 63.1407

Deuteranopia

43.7522, 42.7416, 70.9097



Tritanopia

34.8261, 43.4040, 63.0422

Trichromacy



Original Color

35.9996, 43.2369, 69.3990

Protanomaly

39.3956, 42.6417, 65.1858

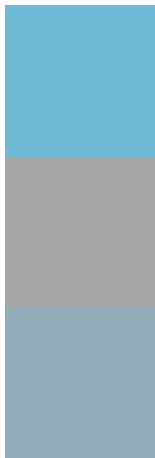
Deuteranomaly

40.1855, 42.3465, 70.3457

Tritanomaly

35.2172, 43.2338, 65.5203

Monochromacy



Original Color

35.9996, 43.2369, 69.3990

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.3449, 39.4170, 50.5451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9996, 43.2369, 69.3990 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(110, 186, 213)` looks like.

```
.text, #text, p{  
    color:rgb(110, 186, 213)  
}
```

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(110, 186, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 186, 213) }
```

Border

The CSS property to change the border of an element to XYZ 35.9996, 43.2369, 69.3990 is called "border". The border property can be set on classes, ids or directly on the HTML element.

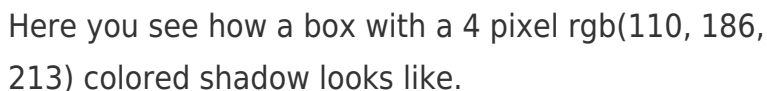
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 186, 213) }
```


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

```
.border{ border-color:rgb(110, 186, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 186, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 186, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 186, 213); box-shadow:4px 4px 4px 4px rgb(110, 186, 213) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9996, 43.2369, 69.3990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 186, 213) }
```

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

```
.background{ background-color: rgb(110,  
186, 213) }
```

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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