

Converting Colors

XYZ(35.4302, 44.3349, 70.4432)

Have a look what the booklet for
XYZ(35.4302, 44.3349, 70.4432)
contains.

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Color

**XYZ(35.2704, 44.1148,
70.2744)**

Conversions

Conversions Part 1

Format	Color
Hex	5FBED6
RGB	95, 190, 214
RGB Percent	37%, 75%, 84%
CMY	0.6274, 0.2549, 0.1608
CMYK	0.56, 0.11, 0.00, 0.16
HSL	192°, 59%, 61%
HSV	192°, 56%, 84%
XYZ	35.2704, 44.1148, 70.2744
YIQ	164.3310, -64.3240, -12.6760

Conversions

Conversions Part 2

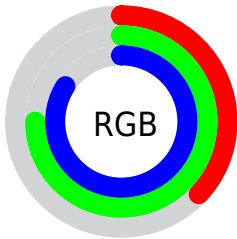
Format	Color
RYB	95, 148, 214
Decimal	6274774
CIELab	72.31, -21.32, -20.59
CIELCh	72, 29.641, 223.997
Yxy	44.1148, 0.2357, 0.2948
Android (android.graphics.Color)	4284464854 (0xFF5FBED6)
YUV	164.3310, 24.4868, -60.8033
Hunter-Lab	66.4190, -21.4445, -16.2383

Details

The XYZ color **35.2704, 44.1148, 70.2744** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **36.3952, 28.3175, 14.3756**, and the grayscale version is **35.3545, 37.1957, 40.5062**.

A 20% lighter version of the original color is **64.3322, 80.0016, 106.6589**, and **15.4155, 20.2937, 35.9055** is the 20% darker color. If you saturate the color by 10%, you get **32.4246, 41.2814, 69.8783**, and if you desaturate by 10%, it is **38.7572, 47.3216, 70.7104**.

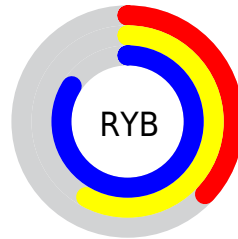
Distribution



Red (37%)

Green (75%)

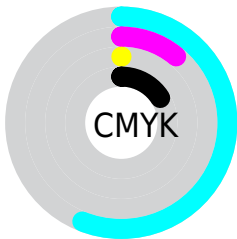
Blue (84%)



Red (37%)

Yellow (58%)

Blue (84%)

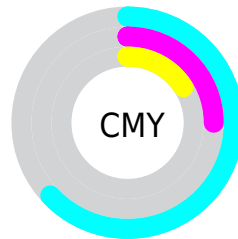


Cyan (56%)

Magenta (11%)

Yellow (0%)

Black (16%)



Cyan (63%)

Magenta (25%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2704, 44.1148, 70.2744 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 35.2704, 44.1148, 70.2744 by changing the saturation by 10% instead.

■ 35.2704, 44.1148,
70.2744

■ 35.2704, 44.1148,
70.2744

317.2474,
363.1765, 480.3280

■ 24.0387, 30.7608,
51.2721

■ 67.2357, 81.3905,
121.2848

■ 15.4872, 20.4168,
36.0470

■ 88.7001, 106.0809,
154.1299

■ 9.2506, 12.6983,
24.1805

■ 114.3060,
135.3189, 192.4264

■ 4.9634, 7.2212,
15.2541

■ 144.4190,
169.4889, 236.5928

■ 2.2603, 3.6008,
8.8493

179.4042,
208.9752, 287.0476

■ 0.7743, 1.4529,
4.5476

219.6271,

■ 0.0000, 0.2552,

254.1624, 344.2094

1.9303

265.4531,
305.4347, 408.4967

■ 0.0000, 0.0000,
0.5119

■ 0.0000, 0.0000,
0.0000

■ 35.2704, 44.1148,
70.2744

■ 35.2704, 44.1148,
70.2744

■ 32.4246, 41.2814,
69.8783

■ 38.7572, 47.3216,
70.7104

■ 30.1640, 38.7895,
69.5165

■ 42.9265, 50.9208,
71.1854

■ 28.4300, 36.6094,
69.1871

■ 47.8211, 54.9357,
71.7024

■ 27.1491, 34.7030,
68.8866

■ 53.4792, 59.3863,
72.2632

■ 26.6709, 33.9213,
68.7609

■ 59.9360, 64.2910,
72.8696

■ 67.2246, 69.6674,
73.5232

■ 75.3762, 75.5318,
74.2255

■ 80.1761, 79.7118,
74.7793

■ 81.3544, 82.0685,
75.1721

Harmonies

Analogous

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



33.1251, 44.1148, 55.1434



35.2704, 44.1148, 70.2744



39.2868, 44.1148, 80.3617

Triad

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



35.2704, 44.1148, 70.2744



52.0683, 44.1148, 56.1903



39.6049, 44.1148, 25.6308

Complementary

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



35.2704, 44.1148, 70.2744



36.3952, 28.3175, 14.3756

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.



44.6888, 44.1148, 25.7984



35.2704, 44.1148, 70.2744



52.1709, 44.1148, 41.5626

Square

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



35.2704, 44.1148, 70.2744



49.1087, 44.1148, 71.1734



49.3787, 44.1148, 31.0631



35.4870, 44.1148, 30.5465

Rectangle

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



35.2704, 44.1148, 70.2744



42.6163, 44.1148, 81.8063



49.3787, 44.1148, 31.0631



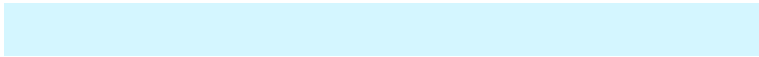
41.2507, 44.1148, 25.1310

Sweetspot

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



35.2718, 44.1165, 70.2755



78.1347, 87.2333, 107.3273



32.0850, 51.8542, 25.7094



16.3464, 18.3771, 22.9355



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.



35.2718, 44.1165, 70.2755



47.4557, 60.5839, 103.8004



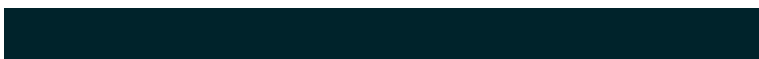
24.9345, 23.4418, 66.8297



12.5696, 13.6626, 15.9122



16.1961, 20.6539, 41.5861



1.0320, 1.3561, 2.5267

Inverse Universe

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



41.1193, 26.1997, 51.6066



57.4124, 32.8201, 71.3971



45.7785, 47.0841, 17.5034



12.8407, 12.5878, 15.1014



21.2339, 10.4299, 24.3335



1.3086, 0.6402, 1.6143

Previews

White Background



This preview shows how the XYZ color 35.2704, 44.1148, 70.2744 looks on a white background.

Color Contrast Check

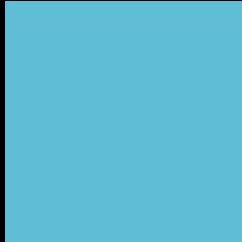
Large Text (above 18pt) WCAG AA × Fail

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 35.2704, 44.1148, 70.2744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

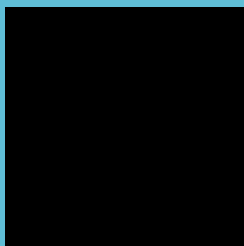
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

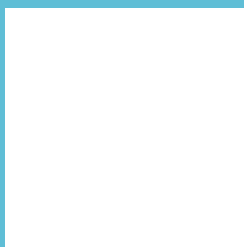
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.2704, 44.1148, 70.2744

Background



This preview shows how black text looks on a background with the XYZ color 35.2704, 44.1148, 70.2744.



This preview shows how white text looks on a background with the XYZ color 35.2704, 44.1148,

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

35.2704, 44.1148, 70.2744

Protanopia

43.0236, 43.6775, 63.2898

Deuteranopia

44.6117, 43.7198, 72.4171



Tritanopia

34.3069, 44.0419, 65.7243

Trichromacy



Original Color

35.2704, 44.1148, 70.2744

Protanomaly

39.0341, 43.0362, 65.9240

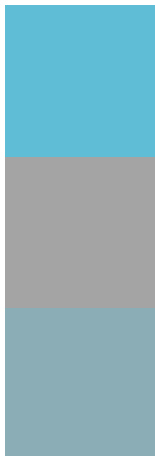
Deuteranomaly

40.1461, 43.1792, 71.8641

Tritanomaly

34.7779, 44.2419, 67.6793

Monochromacy



Original Color

35.2704, 44.1148, 70.2744

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.0345, 38.7535, 49.9423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2704, 44.1148, 70.2744 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(95, 190, 214) looks like.

```
.text, #text, p{  
    color:rgb(95, 190, 214)  
}
```

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(95, 190, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 190, 214) }
```

Border

The CSS property to change the border of an element to XYZ 35.2704, 44.1148, 70.2744 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(95, 190, 214) }
```


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

```
.border{ border-color:rgb(95, 190, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 190, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 190, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 190, 214);  
box-shadow:4px 4px 4px 4px rgb(95, 190,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2704, 44.1148, 70.2744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 190, 214) }
```

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

```
.background{ background-color: rgb(95, 190,  
214) }
```

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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