

Converting Colors

XYZ(35.5294, 53.2750, 23.8248)

Have a look what the booklet for
XYZ(35.5294, 53.2750, 23.8248)
contains.

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Color

**XYZ(35.4713, 53.2704,
23.7419)**

Conversions

Conversions Part 1

Format	Color
Hex	7FD570
RGB	127, 213, 112
RGB Percent	50%, 84%, 44%
CMY	0.5020, 0.1647, 0.5608
CMYK	0.40, 0.00, 0.47, 0.16
HSL	111°, 55%, 64%
HSV	111°, 47%, 84%
XYZ	35.4713, 53.2704, 23.7419
YIQ	175.7720, -18.8350, -49.6430

Conversions

Conversions Part 2

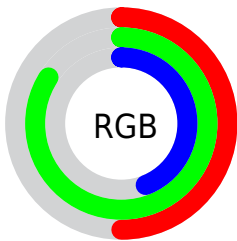
Format	Color
RYB	112, 213, 198
Decimal	8377712
CIELab	78.03, -45.34, 41.75
CIELCh	78, 61.632, 137.359
Yxy	53.2704, 0.3153, 0.4736
Android (android.graphics.Color)	4286567792 (0xFF7FD570)
YUV	175.7720, -31.4396, -42.7730
Hunter-Lab	72.9866, -40.9759, 31.8041

Details

The XYZ color **35.4713, 53.2704, 23.7419** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **41.0956, 28.3999, 66.2694**, and the grayscale version is **41.3148, 43.4664, 47.3349**.

A 20% lighter version of the original color is **62.3187, 84.4270, 48.6088**, and **15.6677, 26.1302, 8.6327** is the 20% darker color. If you saturate the color by 10%, you get **31.9607, 51.5834, 18.1024**, and if you desaturate by 10%, it is **39.7514, 55.3248, 30.8839**.

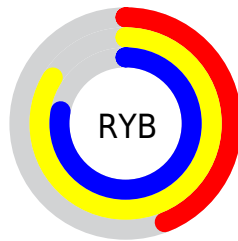
Distribution



Red (50%)

Green (84%)

Blue (44%)



Red (44%)

Yellow (84%)

Blue (78%)

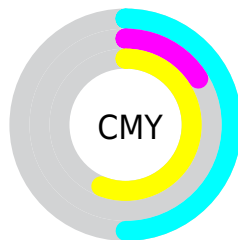


Cyan (40%)

Magenta (0%)

Yellow (47%)

Black (16%)



Cyan (50%)

Magenta (16%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4713, 53.2704, 23.7419 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 35.4713, 53.2704, 23.7419 by changing the saturation by 10% instead.

■ 35.4713, 53.2704,
23.7419

■ 35.4713, 53.2704,
23.7419

318.1155,
399.3217, 284.7574

■ 24.1944, 38.0187,
14.9318

■ 67.5445, 95.0021,
50.5472

■ 15.6034, 25.9972,
8.6255

■ 89.0714, 122.2509,
69.3796

■ 9.3330, 16.8215,
4.4043

■ 114.7457,
154.2676, 92.3898

■ 5.0179, 10.1073,
1.8496

■ 144.9328,
191.4364, 119.9964

■ 2.2926, 5.4702,
0.4604

179.9979,
234.1418, 152.6179

■ 0.7909, 2.5257,
0.0000

220.3065,

■ 0.0000, 0.8895,

282.7682, 190.6729

0.0000

266.2239,
337.7001, 234.5799

■ 0.0000, 0.0000,
0.0000

■ 35.4713, 53.2704,
23.7419

■ 35.4713, 53.2704,
23.7419

■ 31.9607, 51.5834,
18.1024

■ 39.7514, 55.3248,
30.8839

■ 29.1694, 50.2356,
13.8549

■ 44.8392, 57.7596,
39.6215

■ 27.0475, 49.2053,
10.8793


■ 50.7754, 60.5952,
50.0444


■ 25.5365, 48.4657,
9.0338


■ 57.5964, 63.8488,
62.2346


■ 24.5640, 47.9835,
8.1250

■ 65.3367, 67.5365,
76.2688

 24.3796, 47.8918,
7.9591

 74.0288, 71.6734,
92.2191

 82.7049, 75.8745,
104.8940

 83.0853, 76.0707,
104.9118

Harmonies

Analogous

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



44.0489, 53.2704, 15.0042



35.4713, 53.2704, 23.7419



31.2735, 53.2704, 44.6971

Triad

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



35.4713, 53.2704, 23.7419



45.7436, 53.2704, 149.4477



76.0310, 53.2704, 40.4209

Complementary

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



35.4713, 53.2704, 23.7419



41.0956, 28.3999, 66.2694

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.



76.6780, 53.2704, 73.7164



35.4713, 53.2704, 23.7419



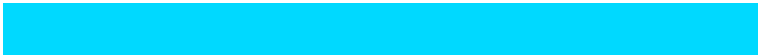
57.8402, 53.2704, 146.8150

Square

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



35.4713, 53.2704, 23.7419



36.5422, 53.2704, 121.5360



69.5934, 53.2704, 115.3405



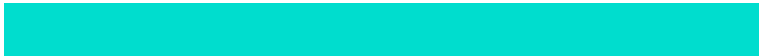
67.9448, 53.2704, 21.6822

Rectangle

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



35.4713, 53.2704, 23.7419



31.0061, 53.2704, 66.8937



69.5934, 53.2704, 115.3405



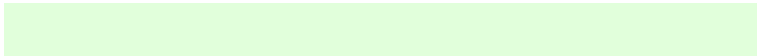
77.1666, 53.2704, 49.9361

Sweetspot

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



35.4726, 53.2727, 23.7431



79.5129, 92.5938, 80.9067



50.5273, 55.6382, 23.4062



16.5586, 19.5992, 16.4983



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.



35.4726, 53.2727, 23.7431



47.9517, 77.4821, 27.0804



35.7720, 53.1533, 36.1236



12.4323, 13.9836, 13.2046



14.9447, 29.2806, 4.8641



0.9572, 1.7949, 0.2960

Inverse Universe

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



41.0956, 28.3999, 66.2694



57.3287, 35.6903, 98.4751



41.2374, 28.9362, 45.3492



12.7634, 12.5349, 15.6843



19.0982, 8.9980, 39.1834



1.2023, 0.5687, 2.3657

Previews

White Background



This preview shows how the XYZ color 35.4713, 53.2704, 23.7419 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 35.4713, 53.2704, 23.7419 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 35.4713, 53.2704, 23.7419

Background



This preview shows how black text looks on a background with the XYZ color 35.4713, 53.2704, 23.7419.



This preview shows how white text looks on a background with the XYZ color 35.4713, 53.2704,

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

35.4713, 53.2704, 23.7419

Protanopia

48.2634, 52.5681, 20.9675

Deuteranopia

53.5420, 52.3547, 24.7363



Tritanopia

45.4437, 52.9861, 73.4778

Trichromacy



Original Color

35.4713, 53.2704, 23.7419



Protanomaly

42.1834, 52.0946, 22.0193



Deuteranomaly

44.6923, 51.3139, 24.0720



Tritanomaly

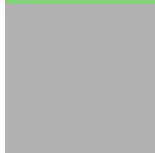
40.7832, 52.4928, 50.6304

Monochromacy



Original Color

35.4713, 53.2704, 23.7419



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

38.0479, 45.9642, 37.0036

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4713, 53.2704, 23.7419 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(127, 213, 112)` looks like.

```
.text, #text, p{  
    color:rgb(127, 213, 112)  
}
```

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(127, 213, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 213, 112) }
```

Border

The CSS property to change the border of an element to XYZ 35.4713, 53.2704, 23.7419 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(127, 213, 112) }
```


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

```
.border{ border-color:rgb(127, 213, 112) }
```

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

Here you see how a box with a 4 pixel rgb(127, 213, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 213, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 213, 112);  
box-shadow:4px 4px 4px 4px rgb(127, 213,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4713, 53.2704, 23.7419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 213, 112) }
```

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

```
.background{ background-color: rgb(127,  
213, 112) }
```

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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