

Converting Colors

XYZ(35.3316, 53.2778, 32.0115)

Have a look what the booklet for
XYZ(35.3316, 53.2778, 32.0115)
contains.

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Color

**XYZ(35.3720, 53.4100,
32.1118)**

Conversions

Conversions Part 1

Format	Color
Hex	71D689
RGB	113, 214, 137
RGB Percent	44%, 84%, 54%
CMY	0.5569, 0.1608, 0.4627
CMYK	0.47, 0.00, 0.36, 0.16
HSL	134°, 55%, 64%
HSV	134°, 47%, 84%
XYZ	35.3720, 53.4100, 32.1118
YIQ	175.0230, -35.4790, -45.3590

Conversions

Conversions Part 2

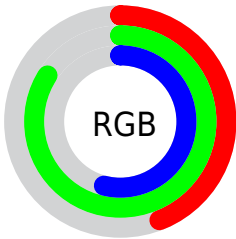
Format	Color
RYB	113, 195, 214
Decimal	7460489
CIELab	78.12, -46.03, 29.14
CIElCh	78, 54.477, 147.659
Yxy	53.4100, 0.2926, 0.4418
Android (android.graphics.Color)	4285650569 (0xFF71D689)
YUV	175.0230, -18.7453, -54.3942
Hunter-Lab	73.0821, -41.4992, 25.1059

Details

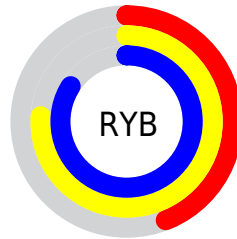
The XYZ color **35.3720, 53.4100, 32.1118** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **42.9327, 29.8252, 52.2111**, and the grayscale version is **40.8677, 42.9960, 46.8227**.

A 20% lighter version of the original color is **61.7415, 83.8276, 62.2164**, and **15.4821, 25.9378, 12.9946** is the 20% darker color. If you saturate the color by 10%, you get **31.8535, 51.7228, 26.2934**, and if you desaturate by 10%, it is **39.7193, 55.5070, 38.8951**.

Distribution



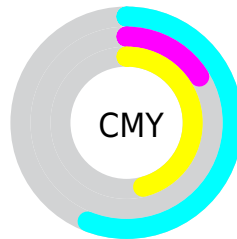
- Red (44%)
- Green (84%)
- Blue (54%)



- Red (44%)
- Yellow (76%)
- Blue (84%)



- Cyan (47%)
- Magenta (0%)
- Yellow (36%)
- Black (16%)





- Cyan (56%)
- Magenta (16%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3720, 53.4100, 32.1118 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 35.3720, 53.4100, 32.1118 by changing the saturation by 10% instead.


 35.3720, 53.4100,
32.1118


 35.3720, 53.4100,
32.1118


317.6866,
399.8561, 326.1366


 24.1174, 38.1302,
21.1814


 67.3919, 95.2074,
64.0863

 15.5460, 26.0837,
13.0641


 88.8879, 122.4938,
85.9674

 9.2922, 16.8863,
7.3415


 114.5285,
154.5511, 112.3358

 4.9909, 10.1535,
3.5949

144.6789,
191.7638, 143.6101

 2.2766, 5.5008,
1.4058

179.7046,
234.5163, 180.2088

 0.7827, 2.5440,
0.1463

219.9709,

 0.0000, 0.8986,

283.1929, 222.5504

0.0000

265.8431,
338.1780, 271.0535

■ 0.0000, 0.0000,
0.0000

■ 35.3720, 53.4100,
32.1118

■ 35.3720, 53.4100,
32.1118

■ 31.8535, 51.7228,
26.2934

■ 39.7193, 55.5070,
38.8951

■ 29.1055, 50.4118,
21.3924

■ 44.9407, 58.0318,
46.6809

■ 27.0684, 49.4487,
17.3628


■ 51.0826, 61.0091,
55.5088


■ 25.6715, 48.7982,
14.1528


■ 58.1874, 64.4598,
65.4156


■ 24.8226, 48.4138,
11.7048

■ 66.2946, 68.4037,
76.4360

 24.6419, 48.3329,
11.1454

 75.4412, 72.8591,
88.6033

 82.7330, 76.3334,
101.8123

 83.3376, 76.5752,
104.9959

Harmonies

Analogous

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



41.8505, 53.4100, 20.1737



35.3720, 53.4100, 32.1118



32.9495, 53.4100, 55.7946

Triad

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



35.3720, 53.4100, 32.1118



49.9338, 53.4100, 138.5023



71.1189, 53.4100, 34.9825

Complementary

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



35.3720, 53.4100, 32.1118



42.9327, 29.8252, 52.2111

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.



74.0633, 53.4100, 60.5799



35.3720, 53.4100, 32.1118



60.8624, 53.4100, 126.9877

Square

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



35.3720, 53.4100, 32.1118



40.5911, 53.4100, 123.0032



70.0780, 53.4100, 95.4517



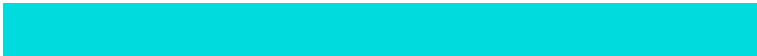
62.5100, 53.4100, 21.3781

Rectangle

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



35.3720, 53.4100, 32.1118



33.6643, 53.4100, 77.7928



70.0780, 53.4100, 95.4517



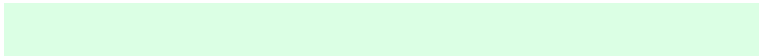
72.8522, 53.4100, 42.1349

Sweetspot

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



35.3734, 53.4122, 32.1130



79.0373, 92.2160, 86.8749



48.3728, 60.2910, 24.7110



16.4451, 19.5088, 17.9307



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.



35.3734, 53.4122, 32.1130



47.1954, 76.8320, 38.8039



39.8350, 55.1969, 55.6076



12.3822, 13.9439, 13.8269



14.9279, 29.2265, 6.9158



0.9331, 1.7759, 0.5894

Inverse Universe

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



42.9327, 29.8252, 52.2111



59.7577, 37.5283, 72.1249



38.3669, 27.9989, 28.1682



12.8210, 12.5799, 14.9974



20.8081, 10.2596, 22.0914



1.2862, 0.6313, 1.4965

Previews

White Background



This preview shows how the XYZ color 35.3720, 53.4100, 32.1118 looks on a white background.

Color Contrast Check

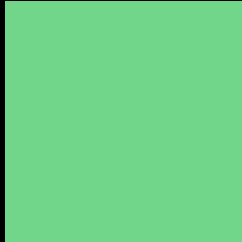
Large Text (above 18pt) WCAG AA × Fail

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 35.3720, 53.4100, 32.1118 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 35.3720, 53.4100, 32.1118

Background



This preview shows how black text looks on a background with the XYZ color 35.3720, 53.4100, 32.1118.



This preview shows how white text looks on a background with the XYZ color 35.3720, 53.4100,

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

35.3720, 53.4100, 32.1118

Protanopia

48.7583, 52.6677, 28.0181

Deuteranopia

53.5386, 52.4633, 33.6902



Tritanopia

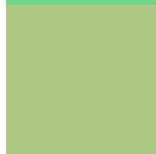
44.0269, 53.2586, 75.6696

Trichromacy



Original Color

35.3720, 53.4100, 32.1118



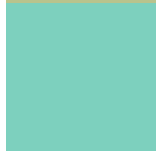
Protanomaly

41.9846, 51.8315, 29.2644



Deuteranomaly

44.3304, 51.2676, 32.7585



Tritanomaly

40.3076, 53.1894, 56.8574

Monochromacy



Original Color

35.3720, 53.4100, 32.1118



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

37.5795, 45.6438, 40.5477

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3720, 53.4100, 32.1118 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(113, 214, 137)` looks like.

```
.text, #text, p{  
    color:rgb(113, 214, 137)  
}
```

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(113, 214, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 214, 137) }
```

Border

The CSS property to change the border of an element to XYZ 35.3720, 53.4100, 32.1118 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(113, 214, 137) }
```


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

```
.border{ border-color:rgb(113, 214, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 214, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 214, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 214, 137);  
box-shadow:4px 4px 4px 4px rgb(113, 214,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3720, 53.4100, 32.1118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 214, 137) }
```

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

```
.background{ background-color: rgb(113,  
214, 137) }
```

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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