

Converting Colors

XYZ(35.2984, 37.5987, 55.8489)

Have a look what the booklet for
XYZ(35.2984, 37.5987, 55.8489)
contains.

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Color

**XYZ(35.2984, 37.5987,
55.8489)**

Conversions

Conversions Part 1

Format	Color
Hex	92A7C1
RGB	146, 167, 193
RGB Percent	57%, 65%, 76%
CMY	0.4274, 0.3451, 0.2431
CMYK	0.24, 0.13, 0.00, 0.24
HSL	213°, 27%, 66%
HSV	213°, 24%, 76%
XYZ	35.2984, 37.5987, 55.8489
YIQ	163.6850, -20.8620, 3.6340

Conversions

Conversions Part 2

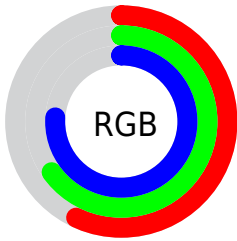
Format	Color
R_{YB}	146, 161, 193
Decimal	9611201
CIE _{Lab}	67.72, -1.48, -15.75
CIE _{LCh}	68, 15.814, 264.628
Yxy	37.5987, 0.2742, 0.2920
Android (android.graphics.Color)	4287801281 (0xFF92A7C1)
YUV	163.6850, 14.4523, -15.5097
Hunter-Lab	61.3178, -4.5502, -11.0795

Details

The XYZ color **35.2984, 37.5987, 55.8489** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.9335, 42.9179, 33.2689**, and the grayscale version is **35.0785, 36.9054, 40.1899**.

A 20% lighter version of the original color is **67.3076, 71.4996, 99.8758**, and **15.4070, 16.5052, 26.7999** is the 20% darker color. If you saturate the color by 10%, you get **30.2774, 32.2265, 55.0772**, and if you desaturate by 10%, it is **41.0624, 43.5954, 56.7032**.

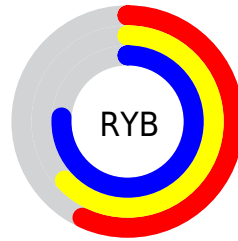
Distribution



Red (57%)

Green (65%)

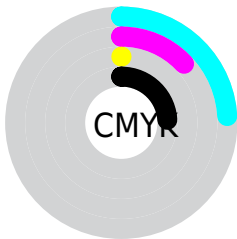
Blue (76%)



Red (57%)

Yellow (63%)

Blue (76%)

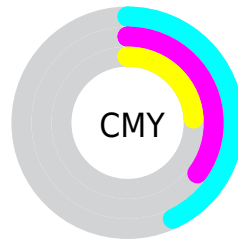


Cyan (24%)

Magenta (13%)

Yellow (0%)

Black (24%)



Cyan (43%)

Magenta (35%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2984, 37.5987, 55.8489 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 35.2984, 37.5987, 55.8489 by changing the saturation by 10% instead.

■ 35.2984, 37.5987,
55.8489

■ 35.2984, 37.5987,
55.8489

317.3685,
335.8954, 426.4941

■ 24.0604, 25.6714,
39.6786

■ 67.2788, 71.4926,
100.2672

■ 15.5034, 16.5780,
26.9762

■ 88.7518, 94.2280,
129.3523

■ 9.2621, 9.9340,
17.3230

114.3673,
121.3349, 163.5794

■ 4.9710, 5.3552,
10.3007

144.4906,
153.1977, 203.3671

■ 2.2648, 2.4572,
5.4906

179.4870,
190.2007, 249.1338

■ 0.7766, 0.8551,
2.4742

219.7219,

■ 0.0000, 0.0000,

232.7284, 301.2982

0.8264

265.5606,
281.1651, 360.2788

■ 0.0000, 0.0000,
0.0000

■ 35.2984, 37.5987,
55.8489

■ 35.2984, 37.5987,
55.8489

■ 30.2774, 32.2265,
55.0772

■ 41.0624, 43.5954,
56.7032

■ 25.9629, 27.4516,
54.3830

■ 47.5967, 50.2336,
57.6401

■ 22.3205, 23.2512,
53.7642

■ 54.9315, 57.5351,
58.6629

■ 19.3113, 19.5989,
53.2178

■ 63.0940, 65.5191,
59.7737

■ 16.8917, 16.4658,
52.7406

■ 72.1103, 74.2043,
60.9749

■ 15.0122, 13.8196,
52.3289

■ 79.4581, 82.2951,
62.1493

■ 13.6132, 11.6223,
51.9785

■ 82.5390, 88.4567,
63.1763

■ 12.9729, 10.5446,
51.8042

■ 85.8052, 94.9893,
64.2650

■ 86.6258, 96.6303,
64.5385

Harmonies

Analogous

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



33.0852, 37.5987, 52.9194



35.2984, 37.5987, 55.8489



37.7302, 37.5987, 54.4282

Triad

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



35.2984, 37.5987, 55.8489



40.1796, 37.5987, 35.5836



32.0408, 37.5987, 33.6332

Complementary

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



35.2984, 37.5987, 55.8489



41.9335, 42.9179, 33.2689

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.



33.8141, 37.5987, 29.8851



35.2984, 37.5987, 55.8489



38.5257, 37.5987, 30.9181

Square

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



35.2984, 37.5987, 55.8489



40.6210, 37.5987, 42.2112



36.1781, 37.5987, 28.9506



31.2600, 37.5987, 39.6918

Rectangle

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



35.2984, 37.5987, 55.8489



39.1395, 37.5987, 51.2804



36.1781, 37.5987, 28.9506



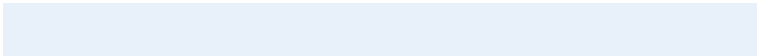
32.5365, 37.5987, 32.0900

Sweetspot

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



35.2996, 37.6002, 55.8498



81.8766, 86.5718, 102.7550



38.3568, 47.2244, 46.0486



17.4097, 18.4151, 22.0222



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.2996, 37.6002, 55.8498



58.4693, 62.2941, 99.3026



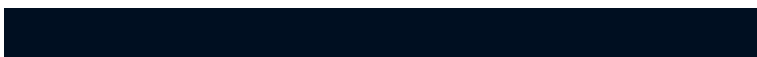
32.1815, 30.7375, 54.6895



9.8905, 10.4724, 12.7849



8.7058, 7.1680, 34.4813



0.4448, 0.4470, 1.5127

Inverse Universe

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



39.2472, 34.6862, 41.1875



66.8050, 56.5634, 68.2472



45.6569, 51.2470, 34.6803



10.2560, 10.1510, 11.4389



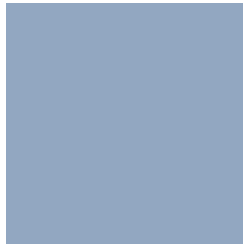
15.7902, 8.0058, 6.8074



0.7169, 0.3598, 0.4766

Previews

White Background



This preview shows how the XYZ color 35.2984, 37.5987, 55.8489 looks on a white background.

Color Contrast Check

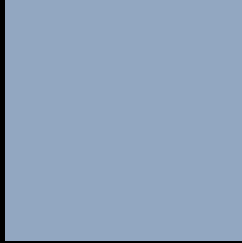
Large Text (above 18pt) WCAG AA × Fail

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 35.2984, 37.5987, 55.8489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

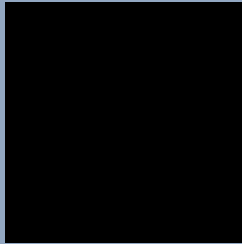
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.2984, 37.5987, 55.8489

Background



This preview shows how black text looks on a background with the XYZ color 35.2984, 37.5987, 55.8489.



This preview shows how white text looks on a background with the XYZ color 35.2984, 37.5987,

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

35.2984, 37.5987, 55.8489

Protanopia

36.9984, 37.4296, 54.5648

Deuteranopia

38.2084, 37.4918, 56.2618



Tritanopia

34.1331, 37.6826, 49.7304

Trichromacy



Original Color

35.2984, 37.5987, 55.8489

Protanomaly

36.3075, 37.3253, 55.1601

Deuteranomaly

37.1329, 37.4604, 56.3124

Tritanomaly

34.5426, 37.5702, 51.8856

Monochromacy



Original Color

35.2984, 37.5987, 55.8489

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.0976, 37.1735, 45.8828

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2984, 37.5987, 55.8489 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(146, 167, 193) looks like.

```
.text, #text, p{  
    color:rgb(146, 167, 193)  
}
```

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(146, 167, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 167, 193) }
```

Border

The CSS property to change the border of an element to XYZ 35.2984, 37.5987, 55.8489 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(146, 167, 193) }
```


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

```
.border{ border-color:rgb(146, 167, 193) }
```

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

Here you see how a box with a 4 pixel rgb(146, 167, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 167, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 167, 193);  
box-shadow:4px 4px 4px 4px rgb(146, 167,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2984, 37.5987, 55.8489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 167, 193) }
```

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

```
.background{ background-color: rgb(146,  
167, 193) }
```

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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