

Converting Colors

XYZ(35.3420, 37.4171, 63.3187)

Have a look what the booklet for
XYZ(35.3420, 37.4171, 63.3187)
contains.

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Color

**XYZ(35.3194, 37.4485,
63.1244)**

Conversions

Conversions Part 1

Format	Color
Hex	8AA7CD
RGB	138, 167, 205
RGB Percent	54%, 65%, 80%
CMY	0.4588, 0.3451, 0.1961
CMYK	0.33, 0.19, 0.00, 0.20
HSL	214°, 40%, 67%
HSV	214°, 33%, 80%
XYZ	35.3194, 37.4485, 63.1244
YIQ	162.6610, -29.4820, 5.6700

Conversions

Conversions Part 2

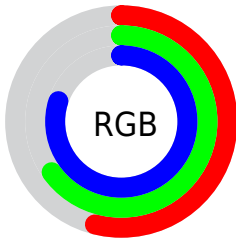
Format	Color
RYB	138, 158, 205
Decimal	9086925
CIELab	67.61, -0.93, -22.61
CIElCh	68, 22.627, 267.649
Yxy	37.4485, 0.2599, 0.2756
Android (android.graphics.Color)	4287277005 (0xFF8AA7CD)
YUV	162.6610, 20.8731, -21.6277
Hunter-Lab	61.1952, -4.0685, -18.3225

Details

The XYZ color **35.3194, 37.4485, 63.1244** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **45.2903, 45.8653, 30.5117**, and the grayscale version is **34.5688, 36.3690, 39.6059**.

A 20% lighter version of the original color is **66.1636, 70.8000, 104.7863**, and **15.5544, 16.4743, 31.6382** is the 20% darker color. If you saturate the color by 10%, you get **30.2076, 31.7929, 62.3028**, and if you desaturate by 10%, it is **41.2653, 43.8201, 64.0415**.

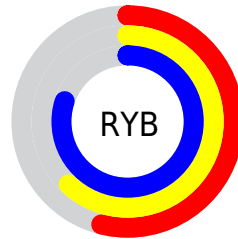
Distribution



Red (54%)

Green (65%)

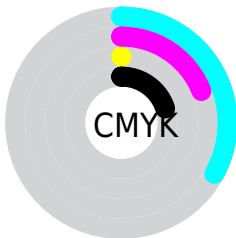
Blue (80%)



Red (54%)

Yellow (62%)

Blue (80%)

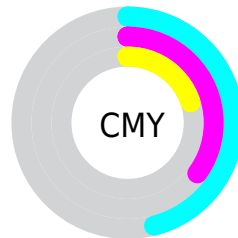


Cyan (33%)

Magenta (19%)

Yellow (0%)

Black (20%)



Cyan (46%)

Magenta (35%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3194, 37.4485, 63.1244 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 35.3194, 37.4485, 63.1244 by changing the saturation by 10% instead.

■ 35.3194, 37.4485,
63.1244

■ 35.3194, 37.4485,
63.1244

317.4593,
335.2482, 454.1412

■ 24.0767, 25.5549,
45.5002

■ 67.3110, 71.2620,
110.9363

■ 15.5156, 16.4910,
31.5058

■ 88.7907, 93.9508,
141.9610

■ 9.2707, 9.8722,
20.7226

■ 114.4133,
121.0068, 178.2897

■ 4.9767, 5.3143,
12.7321

144.5444,
152.8143, 220.3409

■ 2.2682, 2.4329,
7.1158

179.5491,
189.7578, 268.5331

■ 0.7783, 0.8427,
3.4551

219.7929,

■ 0.0000, 0.0000,

232.2217, 323.2848

1.3314

265.6412,
280.5904, 385.0147

■ 0.0000, 0.0000,
0.0873

■ 0.0000, 0.0000,
0.0000

■ 35.3194, 37.4485,
63.1244

■ 35.3194, 37.4485,
63.1244

■ 30.2076, 31.7929,
62.3028

■ 41.2653, 43.8201,
64.0415

■ 25.8851, 26.8202,
61.5708

■ 48.0798, 50.9300,
65.0547

■ 22.3082, 22.5010,
60.9257

■ 55.7996, 58.8051,
66.1679

■ 19.4270, 18.8014,
60.3634

■ 64.4584, 67.4693,
67.3838

■ 17.1847, 15.6836,
59.8798

■ 74.0880, 76.9454,
68.7054

■ 15.5139, 13.1039,
59.4699

■ 82.4751, 86.0989,
70.0301

■ 14.5700, 11.5086,
59.2118

■ 85.9468, 93.0423,
71.1874

■ 88.0196, 97.1878,
71.8783

Harmonies

Analogous

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



32.1255, 37.4485, 59.2405



35.3194, 37.4485, 63.1244



38.7962, 37.4485, 60.2565

Triad

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



35.3194, 37.4485, 63.1244



41.8685, 37.4485, 32.4985



30.2253, 37.4485, 31.3399

Complementary

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



35.3194, 37.4485, 63.1244



45.2903, 45.8653, 30.5117

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.



32.5724, 37.4485, 26.0228



35.3194, 37.4485, 63.1244



39.3029, 37.4485, 26.6109

Square

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



35.3194, 37.4485, 63.1244



42.7210, 37.4485, 41.5677



35.8694, 37.4485, 24.4426



29.3067, 37.4485, 39.9926

Rectangle

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



35.3194, 37.4485, 63.1244



40.7816, 37.4485, 55.1252



35.8694, 37.4485, 24.4426



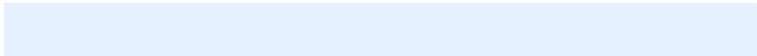
30.8655, 37.4485, 29.1602

Sweetspot

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



35.3206, 37.4500, 63.1253



81.8415, 86.5976, 107.0092



40.1467, 52.2000, 49.0176



17.1467, 18.1547, 22.8504



0.0000, 0.0000, 0.0000



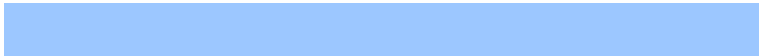
20.3446, 21.4041, 23.3091

Same Dimension

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



35.3206, 37.4500, 63.1253



52.0042, 54.9048, 102.4645



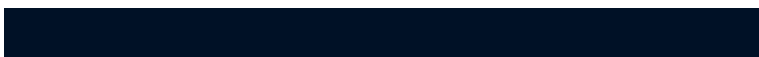
31.3445, 28.3780, 61.5838



10.9945, 11.6294, 14.2356



9.1609, 7.3459, 36.8913



0.5475, 0.5288, 1.9282

Inverse Universe

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



41.2414, 33.9472, 40.9396



63.3152, 48.9910, 59.9070



50.3817, 57.8513, 32.5569



11.4106, 11.2930, 12.6967



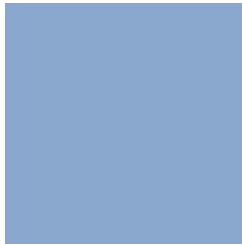
16.8349, 8.5446, 6.8494



0.9063, 0.4559, 0.5525

Previews

White Background



This preview shows how the XYZ color 35.3194, 37.4485, 63.1244 looks on a white background.

Color Contrast Check

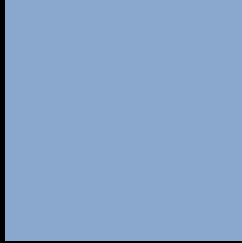
Large Text (above 18pt) WCAG AA × Fail

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 35.3194, 37.4485, 63.1244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

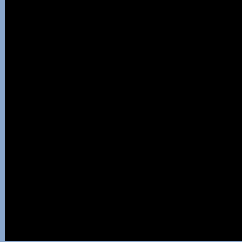
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

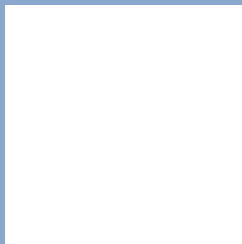
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.3194, 37.4485, 63.1244

Background



This preview shows how black text looks on a background with the XYZ color 35.3194, 37.4485, 63.1244.



This preview shows how white text looks on a background with the XYZ color 35.3194, 37.4485,

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

35.3194, 37.4485, 63.1244

Protanopia

37.2754, 37.4272, 61.1367

Deuteranopia

38.1835, 37.3169, 63.5829



Tritanopia

32.8875, 37.5731, 50.8664

Trichromacy



Original Color

35.3194, 37.4485, 63.1244

Protanomaly

36.4494, 37.2523, 61.7692

Deuteranomaly

37.0003, 37.2299, 63.6285

Tritanomaly

33.8808, 37.7061, 55.3615

Monochromacy



Original Color

35.3194, 37.4485, 63.1244

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.6378, 36.6353, 47.3652

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3194, 37.4485, 63.1244 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(138, 167, 205)` looks like.

```
.text, #text, p{  
    color:rgb(138, 167, 205)  
}
```

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(138, 167, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 167, 205) }
```

Border

The CSS property to change the border of an element to XYZ 35.3194, 37.4485, 63.1244 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(138, 167, 205) }
```


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

```
.border{ border-color:rgb(138, 167, 205) }
```

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

Here you see how a box with a 4 pixel rgb(138, 167, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 167, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 167, 205);  
box-shadow:4px 4px 4px 4px rgb(138, 167,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3194, 37.4485, 63.1244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 167, 205) }
```

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

```
.background{ background-color: rgb(138,  
167, 205) }
```

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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