

Converting Colors

XYZ(32.5397, 37.2486, 79.0626)

Have a look what the booklet for
XYZ(32.5397, 37.2486, 79.0626)
contains.

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Color

**XYZ(32.6033, 37.3734,
78.8942)**

Conversions

Conversions Part 1

Format	Color
Hex	54ADE4
RGB	84, 173, 228
RGB Percent	33%, 68%, 89%
CMY	0.6706, 0.3216, 0.1059
CMYK	0.63, 0.24, 0.00, 0.11
HSL	203°, 73%, 61%
HSV	203°, 63%, 89%
XYZ	32.6033, 37.3734, 78.8942
YIQ	152.6590, -70.6990, -1.7630

Conversions

Conversions Part 2

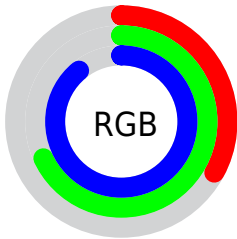
Format	Color
R _Y B	84, 139, 228
Decimal	5549540
CIE Lab	67.56, -10.15, -35.57
CIE LCh	68, 36.992, 254.077
Yxy	37.3734, 0.2190, 0.2510
Android (android.graphics.Color)	4283739620 (0xFF54ADE4)
YUV	152.6590, 37.1431, -60.2139
Hunter-Lab	61.1338, -11.7882, -33.7211

Details

The XYZ color **32.6033, 37.3734, 78.8942** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **42.8293, 35.6014, 13.0035**, and the grayscale version is **29.9975, 31.5597, 34.3685**.

A 20% lighter version of the original color is **57.6475, 68.8178, 104.8526**, and **14.2838, 16.6533, 41.4913** is the 20% darker color. If you saturate the color by 10%, you get **29.2691, 33.2564, 78.2760**, and if you desaturate by 10%, it is **36.7129, 42.0530, 79.5816**.

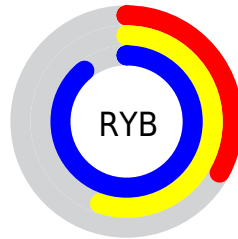
Distribution



Red (33%)

Green (68%)

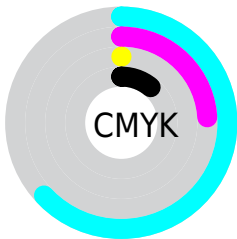
Blue (89%)



Red (33%)

Yellow (55%)

Blue (89%)

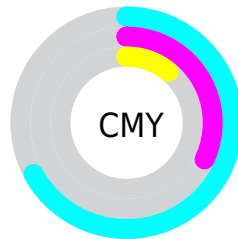


Cyan (63%)

Magenta (24%)

Yellow (0%)

Black (11%)



Cyan (67%)

Magenta (32%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6033, 37.3734, 78.8942 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 32.6033, 37.3734, 78.8942 by changing the saturation by 10% instead.

■ 32.6033, 37.3734,
78.8942

■ 32.6033, 37.3734,
78.8942

305.5551,
334.9243, 510.8065

■ 21.9805, 25.4967,
58.2880

■ 63.1145, 71.1467,
133.6072

■ 13.9591, 16.4475,
41.6240

■ 83.7336, 93.8121,
168.5511

■ 8.1737, 9.8414,
28.4836

■ 108.4156,
120.8426, 209.1114

■ 4.2591, 5.2939,
18.4483

■ 137.5257,
152.6225, 255.7065

■ 1.8497, 2.4207,
11.0996

171.4294,
189.5362, 308.7550

■ 0.5473, 0.8365,
6.0188

210.4919,

■ 0.0000, 0.0000,

231.9682, 368.6755

2.7876

255.0787,
280.3027, 435.8865

■ 0.0000, 0.0000,
0.9872

■ 0.0000, 0.0000,
0.0000

■ 32.6033, 37.3734,
78.8942

■ 32.6033, 37.3734,
78.8942

■ 29.2691, 33.2564,
78.2760

■ 36.7129, 42.0530,
79.5816

■ 26.6372, 29.6593,
77.7204

■ 41.6541, 47.3253,
80.3388

■ 24.6253, 26.5373,
77.2239

■ 47.4820, 53.2221,
81.1699

■ 23.5162, 24.6263,
76.9134

■ 54.2457, 59.7717,
82.0776

61.9904, 66.9999,
83.0646

70.7580, 74.9313,
84.1334

80.5883, 83.5888,
85.2863

87.1959, 90.7658,
86.3234

89.8595, 96.0931,
87.2112

Harmonies

Analogous

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



28.2249, 37.3734, 66.6264



32.6033, 37.3734, 78.8942



38.2517, 37.3734, 79.3012

Triad

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



32.6033, 37.3734, 78.8942



47.2321, 37.3734, 33.5349



28.4393, 37.3734, 22.0721

Complementary

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



32.6033, 37.3734, 78.8942



42.8293, 35.6014, 13.0035

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.



32.9259, 37.3734, 17.2317



32.6033, 37.3734, 78.8942



43.9801, 37.3734, 22.5503

Square

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



32.6033, 37.3734, 78.8942



47.1218, 37.3734, 49.9131



38.6105, 37.3734, 17.3794



26.0020, 37.3734, 32.6850

Rectangle

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



32.6033, 37.3734, 78.8942



42.0150, 37.3734, 72.5715



38.6105, 37.3734, 17.3794



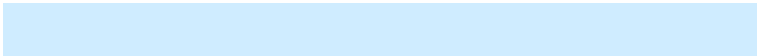
29.7355, 37.3734, 19.8595

Sweetspot

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



32.6046, 37.3747, 78.8951



73.7946, 80.6967, 106.2944



35.9019, 59.1731, 33.1230



15.1993, 16.7117, 22.6745



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.



32.6046, 37.3747, 78.8951



36.5061, 41.2571, 100.6471



22.5314, 17.2283, 75.5374



14.3209, 15.3632, 18.3549



13.6969, 14.4558, 44.4515



1.1012, 1.2464, 3.3145

Inverse Universe

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



42.7092, 25.8532, 42.2755



51.2576, 27.9542, 46.3981



56.3476, 62.6381, 17.5096



14.7496, 14.5170, 16.8815



21.3071, 10.6570, 15.7778



1.6195, 0.8055, 1.4027

Previews

White Background



This preview shows how the XYZ color 32.6033, 37.3734, 78.8942 looks on a white background.

Color Contrast Check

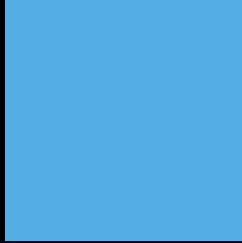
Large Text (above 18pt) WCAG AA × Fail

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 32.6033, 37.3734, 78.8942 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

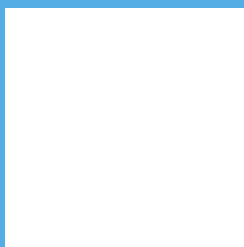
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.6033, 37.3734, 78.8942

Background



This preview shows how black text looks on a background with the XYZ color 32.6033, 37.3734, 78.8942.

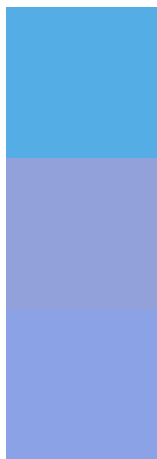


This preview shows how white text looks on a background with the XYZ color 32.6033, 37.3734,

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

32.6033, 37.3734, 78.8942

Protanopia

37.5637, 36.8073, 72.1425

Deuteranopia

38.1594, 37.1856, 80.7676



Tritanopia

28.1724, 37.3285, 56.7592

Trichromacy



Original Color

32.6033, 37.3734, 78.8942

Protanomaly

34.9521, 36.4693, 74.3043

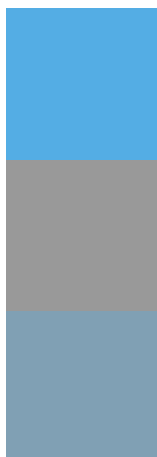
Deuteranomaly

35.6649, 36.9787, 80.1208

Tritanomaly

29.6104, 37.3170, 64.0348

Monochromacy



Original Color

32.6033, 37.3734, 78.8942

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.7111, 33.0261, 47.9887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6033, 37.3734, 78.8942 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(84, 173, 228)` looks like.

```
.text, #text, p{  
    color:rgb(84, 173, 228)  
}
```

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(84, 173, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 173, 228) }
```

Border

The CSS property to change the border of an element to XYZ 32.6033, 37.3734, 78.8942 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(84, 173, 228) }
```


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

```
.border{ border-color:rgb(84, 173, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 173, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 173, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 173, 228);  
box-shadow:4px 4px 4px 4px rgb(84, 173,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6033, 37.3734, 78.8942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 173, 228) }
```

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

```
.background{ background-color: rgb(84, 173,  
228) }
```

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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