

Converting Colors

XYZ(31.9406, 37.2940, 63.4043)

Have a look what the booklet for
XYZ(31.9406, 37.2940, 63.4043)
contains.

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Color

**XYZ(32.0264, 37.4207,
63.2926)**

Conversions

Conversions Part 1

Format	Color
Hex	6BADCD
RGB	107, 173, 205
RGB Percent	42%, 68%, 80%
CMY	0.5804, 0.3216, 0.1961
CMYK	0.48, 0.16, 0.00, 0.20
HSL	200°, 49%, 61%
HSV	200°, 48%, 80%
XYZ	32.0264, 37.4207, 63.2926
YIQ	156.9140, -49.6080, -4.0400

Conversions

Conversions Part 2

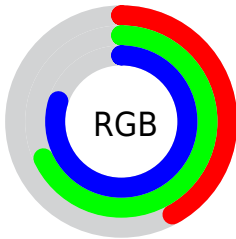
Format	Color
RYB	107, 146, 205
Decimal	7056845
CIELab	67.59, -12.38, -22.79
CIELCh	68, 25.935, 241.496
Yxy	37.4207, 0.2413, 0.2819
Android (android.graphics.Color)	4285246925 (0xFF6BADCD)
YUV	156.9140, 23.7064, -43.7746
Hunter-Lab	61.1725, -13.5994, -18.5242

Details

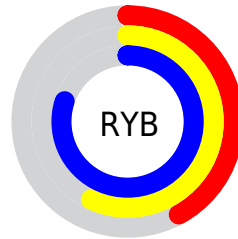
The XYZ color **32.0264, 37.4207, 63.2926** is a light color, and the websafe version is hex **3399CC**. A complement of this color would be **37.0642, 32.5069, 18.2321**, and the grayscale version is **31.9230, 33.5855, 36.5746**.

A 20% lighter version of the original color is **60.8977, 70.4933, 105.0047**, and **13.6899, 16.5621, 31.7534** is the 20% darker color. If you saturate the color by 10%, you get **28.5964, 33.7952, 62.7743**, and if you desaturate by 10%, it is **36.1074, 41.4788, 63.8615**.

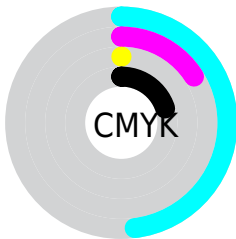
Distribution



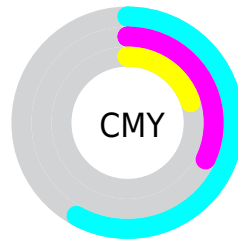
- Red (42%)
- Green (68%)
- Blue (80%)



- Red (42%)
- Yellow (57%)
- Blue (80%)



- Cyan (48%)
- Magenta (16%)
- Yellow (0%)
- Black (20%)



- Cyan (58%)
- Magenta (32%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0264, 37.4207, 63.2926 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 32.0264, 37.4207, 63.2926 by changing the saturation by 10% instead.

■ 32.0264, 37.4207,
63.2926

■ 32.0264, 37.4207,
63.2926

302.9826,
335.1284, 454.7678

■ 21.5373, 25.5334,
45.6354

■ 62.2174, 71.2194,
111.1812

■ 13.6320, 16.4749,
31.6117

■ 82.6500, 93.8995,
142.2497

■ 7.9452, 9.8608,
20.8027

■ 107.1278,
120.9460, 178.6257

■ 4.1114, 5.3068,
12.7900

■ 136.0162,
152.7433, 220.7278

■ 1.7653, 2.4284,
7.1551

169.6805,
189.6758, 268.9745

■ 0.4967, 0.8404,
3.4794

208.4862,

■ 0.0000, 0.0000,

232.1279, 323.7844

1.3443

252.7984,
280.4839, 385.5760

■ 0.0000, 0.0000,
0.0977

■ 0.0000, 0.0000,
0.0000

■ 32.0264, 37.4207,
63.2926

■ 32.0264, 37.4207,
63.2926

■ 28.5964, 33.7952,
62.7743

■ 36.1074, 41.4788,
63.8615

■ 25.7708, 30.5746,
62.3016

■ 40.8744, 45.9867,
64.4803

■ 23.5025, 27.7340,
61.8728

■ 46.3642, 50.9653,
65.1520

■ 21.7346, 25.2426,
61.4851

■ 52.6099, 56.4330,
65.8782

■ 20.3861, 23.0571,
61.1343

■ 59.6422, 62.4070,
66.6606

■ 20.1172, 22.6030,
61.0609

■ 67.4902, 68.9034,
67.5009

■ 76.1814, 75.9378,
68.4006

■ 79.6066, 80.3618,
69.0740

■ 81.4684, 84.0855,
69.6946

Harmonies

Analogous

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



29.4120, 37.4207, 53.3506



32.0264, 37.4207, 63.2926



35.7681, 37.4207, 66.9263

Triad

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



32.0264, 37.4207, 63.2926



43.8108, 37.4207, 40.1734



31.7037, 37.4207, 24.7197

Complementary

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



32.0264, 37.4207, 63.2926



37.0642, 32.5069, 18.2321

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.



35.3672, 37.4207, 22.4744



32.0264, 37.4207, 63.2926



42.5264, 37.4207, 30.2997

Square

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



32.0264, 37.4207, 63.2926



42.7526, 37.4207, 52.1693



39.3599, 37.4207, 24.3105



29.2357, 37.4207, 31.1233

Rectangle

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



32.0264, 37.4207, 63.2926



38.4565, 37.4207, 64.8292



39.3599, 37.4207, 24.3105



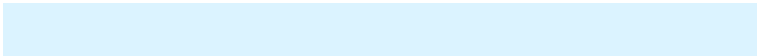
32.8265, 37.4207, 23.5140

Sweetspot

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



32.0276, 37.4221, 63.2935



79.5071, 86.6334, 107.1392



32.4856, 48.6253, 31.7321



16.5539, 18.1337, 22.8776



0.0000, 0.0000, 0.0000



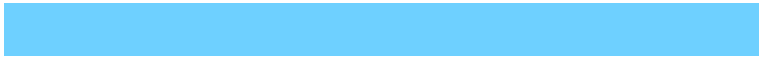
20.3446, 21.4041, 23.3091

Same Dimension

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



32.0276, 37.4221, 63.2935



46.8808, 55.4002, 102.8302



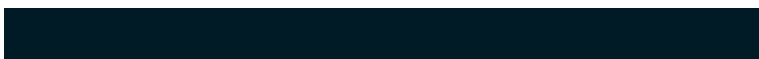
24.4134, 22.1936, 60.7554



11.2225, 12.0855, 14.3116



12.6133, 14.2506, 38.0421



0.7180, 0.8698, 1.9850

Inverse Universe

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



37.9784, 26.5128, 42.6524



58.1068, 36.8679, 63.4317



45.6090, 49.5964, 21.0803



11.5257, 11.3390, 13.3029



18.5775, 9.2416, 16.0257



0.9924, 0.4904, 1.0056

Previews

White Background



This preview shows how the XYZ color 32.0264, 37.4207, 63.2926 looks on a white background.

Color Contrast Check

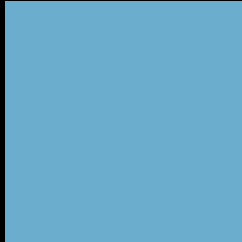
Large Text (above 18pt) WCAG AA × Fail

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 32.0264, 37.4207, 63.2926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

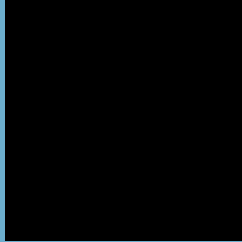
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.0264, 37.4207, 63.2926

Background



This preview shows how black text looks on a background with the XYZ color 32.0264, 37.4207, 63.2926.



This preview shows how white text looks on a background with the XYZ color 32.0264, 37.4207,

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

32.0264, 37.4207, 63.2926

Protanopia

36.8237, 36.9858, 58.6242

Deuteranopia

38.0347, 37.2119, 64.8525



Tritanopia

30.2991, 37.5932, 54.3745

Trichromacy



Original Color

32.0264, 37.4207, 63.2926

Protanomaly

34.6601, 36.8928, 60.5526

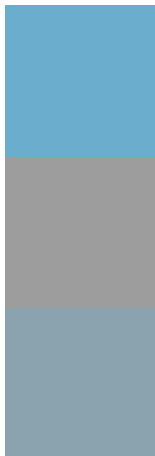
Deuteranomaly

35.3651, 36.9042, 64.2908

Tritanomaly

30.8892, 37.5431, 57.2483

Monochromacy



Original Color

32.0264, 37.4207, 63.2926

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.3846, 34.7393, 45.0956

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0264, 37.4207, 63.2926 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(107, 173, 205)` looks like.

```
.text, #text, p{  
    color:rgb(107, 173, 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(107, 173, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 173, 205) }
```

Border

The CSS property to change the border of an element to XYZ 32.0264, 37.4207, 63.2926 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(107, 173, 205) }
```


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

```
.border{ border-color:rgb(107, 173, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 173, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 173, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 173, 205);  
box-shadow:4px 4px 4px 4px rgb(107, 173,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0264, 37.4207, 63.2926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 173, 205) }
```

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

```
.background{ background-color: rgb(107,  
173, 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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