

Converting Colors

XYZ(32.4011, 39.8592, 61.6678)

Have a look what the booklet for
XYZ(32.4011, 39.8592, 61.6678)
contains.

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Color

**XYZ(32.5514, 40.0787,
61.8974)**

Conversions

Conversions Part 1

Format	Color
Hex	65B5CA
RGB	101, 181, 202
RGB Percent	40%, 71%, 79%
CMY	0.6039, 0.2902, 0.2078
CMYK	0.50, 0.10, 0.00, 0.21
HSL	192°, 49%, 59%
HSV	192°, 50%, 79%
XYZ	32.5514, 40.0787, 61.8974
YIQ	159.4740, -54.4210, -10.4290

Conversions

Conversions Part 2

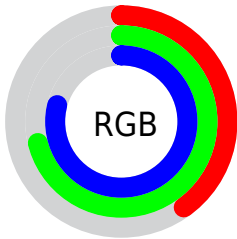
Format	Color
RYB	101, 146, 202
Decimal	6665674
CIELab	69.53, -18.82, -18.22
CIElCh	70, 26.197, 224.070
Yxy	40.0787, 0.2420, 0.2979
Android (android.graphics.Color)	4284855754 (0xFF65B5CA)
YUV	159.4740, 20.9653, -51.2817
Hunter-Lab	63.3077, -19.0079, -13.6537

Details

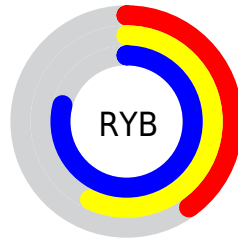
The XYZ color **32.5514, 40.0787, 61.8974** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **33.6666, 27.4163, 15.8307**, and the grayscale version is **33.0976, 34.8213, 37.9204**.

A 20% lighter version of the original color is **62.4347, 75.0575, 105.8046**, and **13.9395, 18.0276, 30.7620** is the 20% darker color. If you saturate the color by 10%, you get **29.7207, 37.3716, 61.5248**, and if you desaturate by 10%, it is **35.9662, 43.1269, 62.3065**.

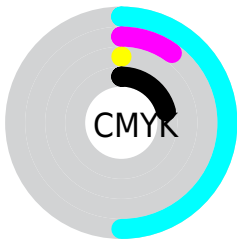
Distribution



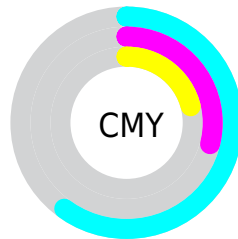
- Red (40%)
- Green (71%)
- Blue (79%)



- Red (40%)
- Yellow (57%)
- Blue (79%)



- Cyan (50%)
- Magenta (10%)
- Yellow (0%)
- Black (21%)



- Cyan (60%)
- Magenta (29%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5514, 40.0787, 61.8974 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 32.5514, 40.0787, 61.8974 by changing the saturation by 10% instead.

■ 32.5514, 40.0787,
61.8974

■ 32.5514, 40.0787,
61.8974

305.3243,
346.4552, 449.5541

■ 21.9406, 27.5999,
44.5145

■ 63.0339, 75.2833,
109.1474

■ 13.9296, 18.0243,
30.7351

■ 83.6363, 98.7780,
139.8516

■ 8.1531, 10.9674,
20.1404

■ 108.2999,
126.7134, 175.8334

■ 4.2457, 6.0449,
12.3121

■ 137.3902,
159.4739, 217.5112

■ 1.8421, 2.8724,
6.8315

171.2724,
197.4439, 265.3036

■ 0.5428, 1.0655,
3.2801

210.3119,

■ 0.0000, 0.0000,

241.0079, 319.6292

1.2394

254.8741,
290.5502, 380.9065

■ 0.0000, 0.0000,
0.0113

■ 0.0000, 0.0000,
0.0000

■ 32.5514, 40.0787,
61.8974

■ 32.5514, 40.0787,
61.8974

■ 29.7207, 37.3716,
61.5248

■ 35.9662, 43.1269,
62.3065

■ 27.4286, 34.9791,
61.1838


■ 39.9987, 46.5313,
62.7511


■ 25.6289, 32.8780,
60.8731


■ 44.6845, 50.3113,
63.2337


■ 24.2654, 31.0390,
60.5900


■ 50.0552, 54.4836,
63.7560


 23.2323, 29.4072,
60.3295


 56.1405, 59.0637,
64.3193

 23.2321, 29.4069,
60.3294

 62.9680, 64.0663,
64.9251

 70.5642, 69.5053,
65.5745

 76.0999, 73.9225,
66.1354

 77.1805, 76.0838,
66.4956

Harmonies

Analogous

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



30.7465, 40.0787, 49.5409



32.5514, 40.0787, 61.8974



35.9078, 40.0787, 70.0428

Triad

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



32.5514, 40.0787, 61.8974



46.4488, 40.0787, 50.3390



36.1532, 40.0787, 24.7426

Complementary

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



32.5514, 40.0787, 61.8974



33.6666, 27.4163, 15.8307

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.



40.3664, 40.0787, 24.8767



32.5514, 40.0787, 61.8974



46.5267, 40.0787, 38.2253

Square

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



32.5514, 40.0787, 61.8974



44.0260, 40.0787, 62.5740



44.2317, 40.0787, 29.3784



32.7196, 40.0787, 28.9701

Rectangle

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



32.5514, 40.0787, 61.8974



38.6729, 40.0787, 71.1931



44.2317, 40.0787, 29.3784



37.5201, 40.0787, 24.3073

Sweetspot

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



32.5527, 40.0802, 61.8984



79.8663, 88.4839, 107.4774



29.9519, 46.3941, 25.5313



16.6857, 18.6201, 22.9646



0.0000, 0.0000, 0.0000



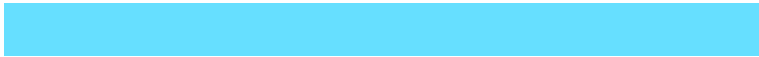
20.3446, 21.4041, 23.3091

Same Dimension

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



32.5527, 40.0802, 61.8984



49.9678, 62.9214, 104.1192



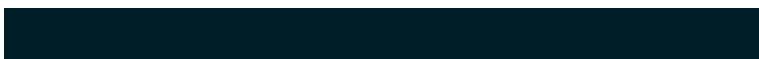
24.1854, 23.3457, 59.1093



11.3376, 12.3155, 14.3500



15.0151, 19.0542, 38.8427



0.8257, 1.0852, 2.0209

Inverse Universe

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



37.3524, 25.2014, 46.6133



59.3362, 36.1007, 73.7868



41.4026, 42.8883, 18.4094



11.5837, 11.3622, 13.6086



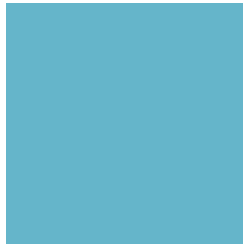
19.7899, 9.7265, 22.4098



1.0467, 0.5121, 1.2920

Previews

White Background



This preview shows how the XYZ color 32.5514, 40.0787, 61.8974 looks on a white background.

Color Contrast Check

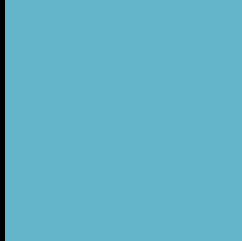
Large Text (above 18pt) WCAG AA × Fail

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 32.5514, 40.0787, 61.8974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

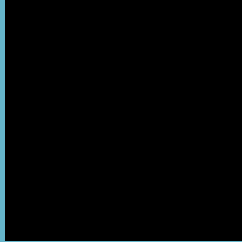
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.5514, 40.0787, 61.8974

Background



This preview shows how black text looks on a background with the XYZ color 32.5514, 40.0787, 61.8974.



This preview shows how white text looks on a background with the XYZ color 32.5514, 40.0787,

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

32.5514, 40.0787, 61.8974

Protanopia

39.1453, 39.8549, 56.0817

Deuteranopia

40.4109, 39.5335, 63.2585



Tritanopia

31.9516, 40.1398, 58.8870

Trichromacy



Original Color

32.5514, 40.0787, 61.8974

Protanomaly

36.0627, 39.6234, 57.9719

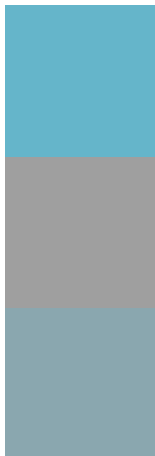
Deuteranomaly

36.7897, 39.3251, 62.7782

Tritanomaly

32.2923, 40.2887, 60.1074

Monochromacy



Original Color

32.5514, 40.0787, 61.8974

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.0378, 36.1359, 45.8438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5514, 40.0787, 61.8974 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(101, 181, 202)` looks like.

```
.text, #text, p{  
    color:rgb(101, 181, 202)  
}
```

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(101, 181, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 181, 202) }
```

Border

The CSS property to change the border of an element to XYZ 32.5514, 40.0787, 61.8974 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(101, 181, 202) }
```


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

```
.border{ border-color:rgb(101, 181, 202) }
```

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

Here you see how a box with a 4 pixel rgb(101, 181, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 181, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 181, 202);  
box-shadow:4px 4px 4px 4px rgb(101, 181,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5514, 40.0787, 61.8974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 181, 202) }
```

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

```
.background{ background-color: rgb(101,  
181, 202) }
```

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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