

Converting Colors

XYZ(32.5458, 40.1431, 58.8564)

Have a look what the booklet for
XYZ(32.5458, 40.1431, 58.8564)
contains.

XYZ(32.5458, 40.1431, 58.8564)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.5458, 40.1431,
58.8564)**

Conversions

Conversions Part 1

Format	Color
Hex	6AB5C5
RGB	106, 181, 197
RGB Percent	42%, 71%, 77%
CMY	0.5843, 0.2902, 0.2274
CMYK	0.46, 0.08, 0.00, 0.23
HSL	191°, 44%, 59%
HSV	191°, 46%, 77%
XYZ	32.5458, 40.1431, 58.8564
YIQ	160.3990, -49.8360, -10.9240

Conversions

Conversions Part 2

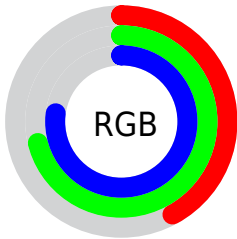
Format	Color
RYB	106, 147, 197
Decimal	6993349
CIELab	69.57, -19.04, -15.38
CIElCh	70, 24.478, 218.936
Yxy	40.1431, 0.2474, 0.3052
Android (android.graphics.Color)	4285183429 (0xFF6AB5C5)
YUV	160.3990, 18.0443, -47.7079
Hunter-Lab	63.3586, -19.1863, -10.7259

Details

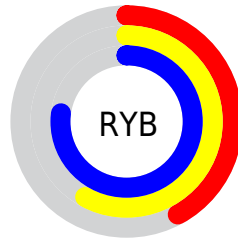
The XYZ color **32.5458, 40.1431, 58.8564** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **32.5879, 26.8310, 17.0982**, and the grayscale version is **33.5346, 35.2810, 38.4210**.

A 20% lighter version of the original color is **63.0739, 75.4055, 104.9963**, and **13.8960, 18.0499, 28.7382** is the 20% darker color. If you saturate the color by 10%, you get **29.7729, 37.6820, 58.5282**, and if you desaturate by 10%, it is **35.8764, 42.9196, 59.2175**.

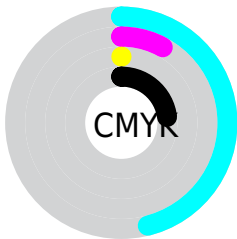
Distribution



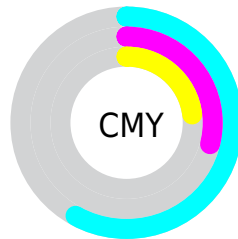
- Red (42%)
- Green (71%)
- Blue (77%)



- Red (42%)
- Yellow (58%)
- Blue (77%)



- Cyan (46%)
- Magenta (8%)
- Yellow (0%)
- Black (23%)



- Cyan (58%)
- Magenta (29%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5458, 40.1431, 58.8564 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 32.5458, 40.1431, 58.8564 by changing the saturation by 10% instead.

■ 32.5458, 40.1431,
58.8564

■ 32.5458, 40.1431,
58.8564

305.2994,
346.7263, 438.0566

■ 21.9363, 27.6501,
42.0783

■ 63.0252, 75.3814,
104.6960

■ 13.9264, 18.0621,
28.8366

■ 83.6258, 98.8955,
134.5946

■ 8.1509, 10.9946,
18.7127

■ 108.2875,
126.8521, 169.7037

■ 4.2443, 6.0632,
11.2882

■ 137.3756,
159.6356, 210.4419

■ 1.8412, 2.8835,
6.1444

171.2555,
197.6303, 257.2278

■ 0.5423, 1.0712,
2.8629

210.2925,

■ 0.0000, 0.0000,

241.2208, 310.4798

1.0251

254.8520,
290.7913, 370.6166

■ 0.0000, 0.0000,
0.0000

■ 32.5458, 40.1431,
58.8564

■ 32.5458, 40.1431,
58.8564

■ 29.7729, 37.6820,
58.5282

■ 35.8764, 42.9196,
59.2175

■ 27.5166, 35.5120,
58.2283

■ 39.7950, 46.0244,
59.6102

■ 25.7358, 33.6129,
57.9556

■ 44.3338, 49.4753,
60.0371

■ 24.3816, 31.9591,
57.7077

■ 49.5218, 53.2875,
60.4995

■ 23.3913, 30.5181,
57.4818

■ 55.3861, 57.4750,
60.9987

■ 23.0631, 30.0011,
57.3993

■ 61.9522, 62.0512,
61.5359

■ 69.2442, 67.0286,
62.1123

■ 74.0478, 70.7506,
62.5775

■ 74.9053, 72.4656,
62.8634

Harmonies

Analogous

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



31.1319, 40.1431, 47.1762



32.5458, 40.1431, 58.8564



35.4892, 40.1431, 67.3161

Triad

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



32.5458, 40.1431, 58.8564



45.6916, 40.1431, 52.0035



36.9870, 40.1431, 25.5476

Complementary

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



32.5458, 40.1431, 58.8564



32.5879, 26.8310, 17.0982

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.



40.9506, 40.1431, 26.3883



32.5458, 40.1431, 58.8564



46.1617, 40.1431, 40.4160

Square

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



32.5458, 40.1431, 58.8564



43.1306, 40.1431, 62.9091



44.3739, 40.1431, 31.4128



33.5772, 40.1431, 28.8766

Rectangle

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



32.5458, 40.1431, 58.8564



38.0140, 40.1431, 69.2683



44.3739, 40.1431, 31.4128



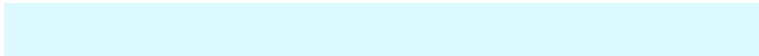
38.2960, 40.1431, 25.3661

Sweetspot

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



32.5470, 40.1446, 58.8573



81.1440, 89.9072, 107.6848



29.3726, 44.3822, 25.1626



16.9553, 18.9364, 23.0114



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.



32.5470, 40.1446, 58.8573



53.4796, 67.6323, 104.8434



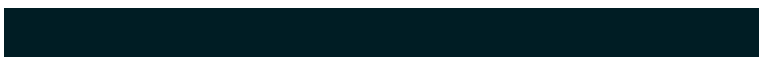
24.8742, 24.7990, 56.2997



10.7820, 11.7380, 13.6149



15.2242, 19.8423, 37.7719



0.7637, 1.0252, 1.8028

Inverse Universe

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



36.5216, 25.5158, 46.7178



61.6733, 39.1970, 79.4304



39.3862, 40.4275, 19.3643



11.0000, 10.7834, 12.9832



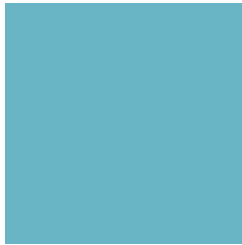
19.4838, 9.5431, 23.5553



0.9442, 0.4605, 1.2292

Previews

White Background



This preview shows how the XYZ color 32.5458, 40.1431, 58.8564 looks on a white background.

Color Contrast Check

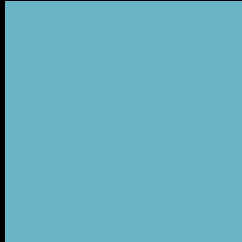
Large Text (above 18pt) WCAG AA × Fail

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 32.5458, 40.1431, 58.8564 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 32.5458, 40.1431, 58.8564

Background



This preview shows how black text looks on a background with the XYZ color 32.5458, 40.1431, 58.8564.



This preview shows how white text looks on a background with the XYZ color 32.5458, 40.1431,

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

32.5458, 40.1431, 58.8564

Protanopia

38.8056, 39.7431, 53.2029

Deuteranopia

40.4580, 39.6264, 60.1599



Tritanopia

32.4315, 40.0974, 58.2548

Trichromacy



Original Color

32.5458, 40.1431, 58.8564

Protanomaly

35.8491, 39.5780, 55.0401

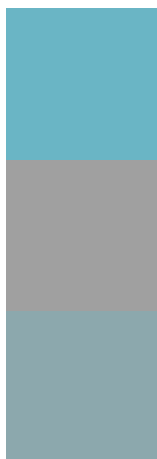
Deuteranomaly

36.9043, 39.4524, 59.7028

Tritanomaly

32.4315, 40.0974, 58.2548

Monochromacy



Original Color

32.5458, 40.1431, 58.8564

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

32.3607, 36.5978, 44.8937

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5458, 40.1431, 58.8564 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(106, 181, 197)` looks like.

```
.text, #text, p{  
    color:rgb(106, 181, 197)  
}
```

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(106, 181, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 181, 197) }
```

Border

The CSS property to change the border of an element to XYZ 32.5458, 40.1431, 58.8564 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(106, 181, 197) }
```


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

```
.border{ border-color:rgb(106, 181, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 181, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 181, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 181, 197);  
box-shadow:4px 4px 4px 4px rgb(106, 181,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5458, 40.1431, 58.8564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 181, 197) }
```

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

```
.background{ background-color: rgb(106,  
181, 197) }
```

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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