

Converting Colors

XYZ(32.5836, 42.5396, 52.5454)

Have a look what the booklet for
XYZ(32.5836, 42.5396, 52.5454)
contains.

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Color

**XYZ(32.5659, 42.4725,
52.3805)**

Conversions

Conversions Part 1

Format	Color
Hex	69BCB9
RGB	105, 188, 185
RGB Percent	41%, 74%, 73%
CMY	0.5882, 0.2627, 0.2745
CMYK	0.44, 0.00, 0.02, 0.26
HSL	178°, 38%, 57%
HSV	178°, 44%, 74%
XYZ	32.5659, 42.4725, 52.3805
YIQ	162.8410, -48.5050, -18.5290

Conversions

Conversions Part 2

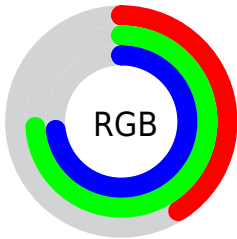
Format	Color
RYB	105, 147, 188
Decimal	6929593
CIELab	71.20, -25.97, -6.37
CIELCh	71, 26.739, 193.791
Yxy	42.4725, 0.2556, 0.3333
Android (android.graphics.Color)	4285119673 (0xFF69BCB9)
YUV	162.8410, 10.9244, -50.7266
Hunter-Lab	65.1709, -24.8527, -2.0341

Details

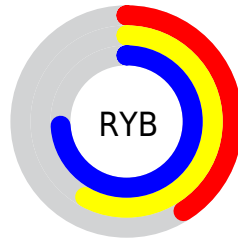
The XYZ color **32.5659, 42.4725, 52.3805** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **28.4989, 21.8785, 16.9099**, and the grayscale version is **34.7054, 36.5128, 39.7624**.

A 20% lighter version of the original color is **62.9258, 78.6293, 95.0795**, and **13.8622, 19.3205, 24.8284** is the 20% darker color. If you saturate the color by 10%, you get **30.5259, 41.4301, 51.9121**, and if you desaturate by 10%, it is **35.0969, 43.7700, 52.8755**.

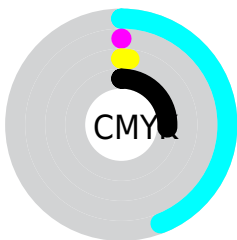
Distribution



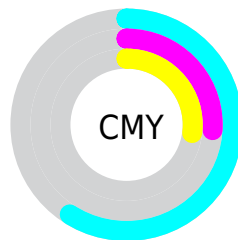
- Red (41%)
- Green (74%)
- Blue (73%)



- Red (41%)
- Yellow (58%)
- Blue (74%)



- Cyan (44%)
- Magenta (0%)
- Yellow (2%)
- Black (26%)





- Cyan (59%)
- Magenta (26%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.5659, 42.4725, 52.3805 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 32.5659, 42.4725, 52.3805 by changing the saturation by 10% instead.


 32.5659, 42.4725,
52.3805


 32.5659, 42.4725,
52.3805


305.3888,
356.4379, 412.9025


 21.9517, 29.4715,
36.9241


 63.0564, 78.9142,
95.1244


 13.9379, 19.4378,
24.8534


 83.6635, 103.1237,
123.2491

 8.1589, 11.9870,
15.7499


 108.3323,
131.8381, 156.4336

 4.2494, 6.7348,
9.1949

 137.4281,
165.4418, 195.0964

 1.8442, 3.2968,
4.7700

171.3163,
204.3193, 239.6562

 0.5441, 1.2886,
2.0566

210.3622,

 0.0000, 0.1323,

248.8549, 290.5315

0.5897

254.9313,
299.4329, 348.1407

■ 0.0000, 0.0000,
0.0000

■ 32.5659, 42.4725,
52.3805

■ 32.5659, 42.4725,
52.3805

■ 30.5259, 41.4301,
51.9121

■ 35.0969, 43.7700,
52.8755

■ 28.9406, 40.6211,
51.4658

■ 38.1446, 45.3328,
53.3956

■ 27.7747, 40.0283,
51.0410


■ 41.7376, 47.1767,
53.9431


■ 26.9862, 39.6299,
50.6355


■ 45.9012, 49.3146,
54.5190

■ 26.5243, 39.3999,
50.2472


■ 50.6590, 51.7589,
55.1245

 26.3453, 39.3124,
50.0250

 56.0334, 54.5210,
55.7607

 62.0458, 57.6119,
56.4285

 68.5665, 60.9649,
57.1220

 68.6412, 60.9948,
57.5156

Harmonies

Analogous

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



32.6475, 42.4725, 39.6935



32.5659, 42.4725, 52.3805



34.4630, 42.4725, 65.5100

Triad

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



32.5659, 42.4725, 52.3805



46.6299, 42.4725, 66.4432



42.8221, 42.4725, 26.3667

Complementary

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



32.5659, 42.4725, 52.3805



28.4989, 21.8785, 16.9099

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.



46.9135, 42.4725, 31.1845



32.5659, 42.4725, 52.3805



49.2206, 42.4725, 53.4812

Square

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



32.5659, 42.4725, 52.3805



42.4578, 42.4725, 74.5880



49.3281, 42.4725, 40.6090



38.3496, 42.4725, 26.1818

Rectangle

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



32.5659, 42.4725, 52.3805



36.6818, 42.4725, 72.1052



49.3281, 42.4725, 40.6090



44.2950, 42.4725, 27.4512

Sweetspot

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



32.5672, 42.4742, 52.3815



76.3014, 85.8368, 97.8554



26.8595, 40.2488, 19.7188



16.0750, 18.2877, 20.9950



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



32.5672, 42.4742, 52.3815



55.4136, 75.1301, 94.1026



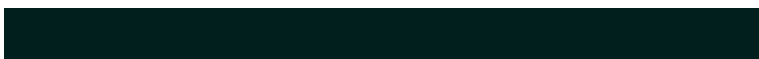
25.9145, 28.6563, 51.7442



9.7933, 10.8034, 12.1608



17.9427, 26.7674, 34.0908



0.7075, 1.0504, 1.3601

Inverse Universe

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



28.4989, 21.8785, 16.9099



47.0985, 33.0007, 21.5769



33.0155, 31.1632, 17.6406



9.5438, 9.5418, 9.9865



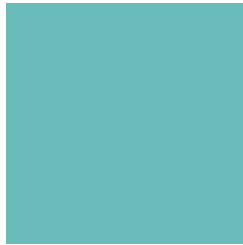
14.1516, 7.2918, 0.8258



0.5592, 0.2876, 0.0578

Previews

White Background



This preview shows how the XYZ color 32.5659, 42.4725, 52.3805 looks on a white background.

Color Contrast Check

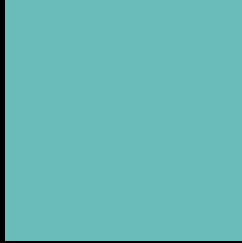
Large Text (above 18pt) WCAG AA × Fail

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 32.5659, 42.4725, 52.3805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

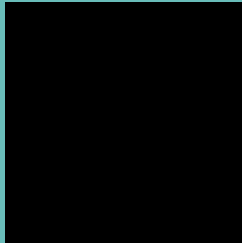
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.5659, 42.4725, 52.3805

Background



This preview shows how black text looks on a background with the XYZ color 32.5659, 42.4725, 52.3805.

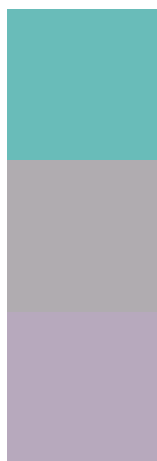


This preview shows how white text looks on a background with the XYZ color 32.5659, 42.4725,

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

32.5659, 42.4725, 52.3805

Protanopia

40.4935, 41.8697, 47.0217

Deuteranopia

42.9017, 42.1173, 54.0124



Tritanopia

34.5319, 42.6499, 61.6706

Trichromacy



Original Color

32.5659, 42.4725, 52.3805

Protanomaly

36.6348, 41.5795, 48.7426

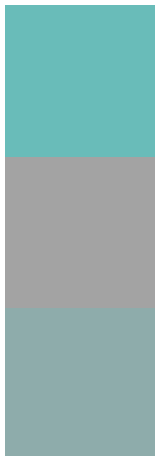
Deuteranomaly

38.1200, 41.6501, 53.6071

Tritanomaly

33.8050, 42.6689, 58.0840

Monochromacy



Original Color

32.5659, 42.4725, 52.3805

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

33.2585, 38.1961, 44.1478

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5659, 42.4725, 52.3805 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(105, 188, 185)` looks like.

```
.text, #text, p{  
    color:rgb(105, 188, 185)  
}
```

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(105, 188, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 188, 185) }
```

Border

The CSS property to change the border of an element to XYZ 32.5659, 42.4725, 52.3805 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(105, 188, 185) }
```


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

```
.border{ border-color:rgb(105, 188, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 188, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 188, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 188, 185);  
box-shadow:4px 4px 4px 4px rgb(105, 188,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5659, 42.4725, 52.3805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 188, 185) }
```

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

```
.background{ background-color: rgb(105,  
188, 185) }
```

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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