

Converting Colors

XYZ(33.0038, 42.1513, 53.0324)

Have a look what the booklet for
XYZ(33.0038, 42.1513, 53.0324)
contains.

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Color

**XYZ(32.8522, 41.9780,
52.8254)**

Conversions

Conversions Part 1

Format	Color
Hex	6EBABA
RGB	110, 186, 186
RGB Percent	43%, 73%, 73%
CMY	0.5686, 0.2706, 0.2706
CMYK	0.41, 0.00, 0.00, 0.27
HSL	180°, 36%, 58%
HSV	180°, 41%, 73%
XYZ	32.8522, 41.9780, 52.8254
YIQ	163.2760, -45.2960, -16.1120

Conversions

Conversions Part 2

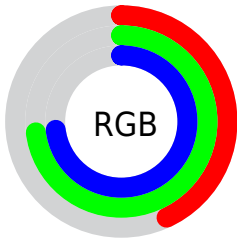
Format	Color
R _Y B	110, 148, 186
Decimal	7256762
CIE Lab	70.86, -23.48, -7.40
CIE LCh	71, 24.621, 197.496
Yxy	41.9780, 0.2574, 0.3288
Android (android.graphics.Color)	4285446842 (0xFF6EBABA)
YUV	163.2760, 11.2029, -46.7231
Hunter-Lab	64.7904, -22.8742, -2.9874

Details

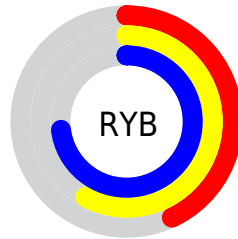
The XYZ color **32.8522, 41.9780, 52.8254** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **28.6415, 22.7179, 17.6287**, and the grayscale version is **34.9082, 36.7261, 39.9948**.

A 20% lighter version of the original color is **63.2962, 77.9144, 95.7073**, and **14.1425, 19.2528, 25.1611** is the 20% darker color. If you saturate the color by 10%, you get **30.7768, 40.9091, 52.7289**, and if you desaturate by 10%, it is **35.4158, 43.3006, 52.9466**.

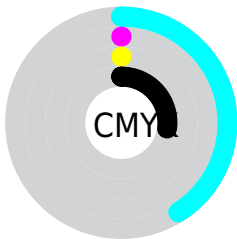
Distribution



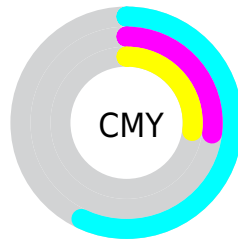
- Red (43%)
- Green (73%)
- Blue (73%)



- Red (43%)
- Yellow (58%)
- Blue (73%)



- Cyan (41%)
- Magenta (0%)
- Yellow (0%)
- Black (27%)



- Cyan (57%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8522, 41.9780, 52.8254 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 32.8522, 41.9780, 52.8254 by changing the saturation by 10% instead.

■ 32.8522, 41.9780,
52.8254

■ 32.8522, 41.9780,
52.8254

306.6600,
354.3917, 414.6622

■ 22.1719, 29.0841,
37.2766

■ 63.5009, 78.1663,
95.7863

■ 14.1006, 19.1444,
25.1243

■ 84.2001, 102.2295,
124.0356

■ 8.2728, 11.7747,
15.9498

■ 108.9696,
130.7846, 157.3554

■ 4.3233, 6.5904,
9.3347

■ 138.1749,
164.2159, 196.1644

■ 1.8866, 3.2073,
4.8603

172.1812,
202.9079, 240.8810

■ 0.5690, 1.2409,
2.1082

211.3539,

■ 0.0000, 0.0947,

247.2449, 291.9238

0.6207

256.0584,
297.6114, 349.7113

■ 0.0000, 0.0000,
0.0000

■ 32.8522, 41.9780,
52.8254

■ 32.8522, 41.9780,
52.8254

■ 30.7768, 40.9091,
52.7289

■ 35.4158, 43.3006,
52.9466

■ 29.1553, 40.0732,
52.6527

■ 38.4920, 44.8864,
53.0908

■ 27.9547, 39.4543,
52.5962

■ 42.1077, 46.7503,
53.2604

■ 27.1362, 39.0323,
52.5576

■ 46.2871, 48.9049,
53.4562

■ 26.6536, 38.7835,
52.5347

■ 51.0528, 51.3617,
53.6796

■ 26.4223, 38.6643,
52.5237

■ 56.4263, 54.1319,
53.9314

■ 62.4280, 57.2258,
54.2125

■ 67.6631, 59.9246,
54.4578

■ 67.6632, 59.9247,
54.4581

Harmonies

Analogous

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



32.6965, 41.9780, 40.9977



32.8522, 41.9780, 52.8254



34.8131, 41.9780, 64.4235

Triad

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



32.8522, 41.9780, 52.8254



45.9882, 41.9780, 62.6934



41.6275, 41.9780, 27.0410

Complementary

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



32.8522, 41.9780, 52.8254



28.6415, 22.7179, 17.6287

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.



45.4572, 41.9780, 31.0195



32.8522, 41.9780, 52.8254



48.0880, 41.9780, 50.7636

Square

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



32.8522, 41.9780, 52.8254



42.3126, 41.9780, 70.7562



47.8873, 41.9780, 39.2585



37.5787, 41.9780, 27.4008

Rectangle

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



32.8522, 41.9780, 52.8254



36.9611, 41.9780, 69.8586



47.8873, 41.9780, 39.2585



42.9882, 41.9780, 27.8825

Sweetspot

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



32.8534, 41.9796, 52.8264



75.3839, 84.2520, 96.4899



26.9638, 39.6421, 20.9832



16.4032, 18.4518, 21.2394



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.



32.8534, 41.9796, 52.8264



56.1376, 74.3303, 95.5871



26.0842, 28.4409, 50.5711



9.2667, 10.2107, 11.5618



17.7754, 26.0111, 35.3349



0.6266, 0.9170, 1.2457

Inverse Universe

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



28.6415, 22.7179, 17.6287



47.4646, 34.6676, 23.1101



33.4579, 32.3509, 19.2336



9.0046, 9.0122, 9.3719



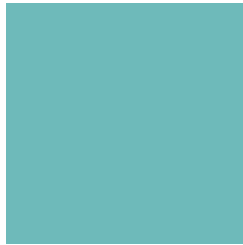
13.6234, 7.0231, 0.6377



0.4803, 0.2476, 0.0225

Previews

White Background



This preview shows how the XYZ color 32.8522, 41.9780, 52.8254 looks on a white background.

Color Contrast Check

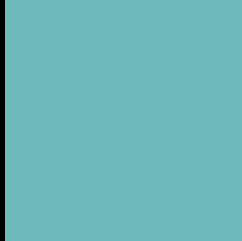
Large Text (above 18pt) WCAG AA × Fail

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 32.8522, 41.9780, 52.8254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

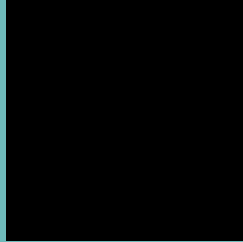
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.8522, 41.9780, 52.8254

Background



This preview shows how black text looks on a background with the XYZ color 32.8522, 41.9780, 52.8254.

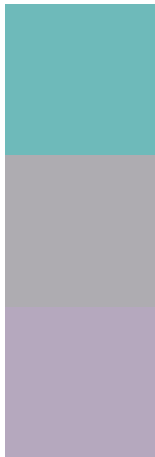


This preview shows how white text looks on a background with the XYZ color 32.8522, 41.9780,

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

32.8522, 41.9780, 52.8254

Protanopia

40.1439, 41.6780, 47.5238

Deuteranopia

42.3530, 41.5467, 54.5023



Tritanopia

34.3887, 41.9819, 60.3237

Trichromacy



Original Color

32.8522, 41.9780, 52.8254

Protanomaly

36.7229, 41.3189, 49.2199

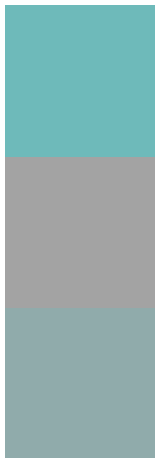
Deuteranomaly

38.0328, 41.3026, 54.1118

Tritanomaly

33.8966, 42.1037, 57.3792

Monochromacy



Original Color

32.8522, 41.9780, 52.8254

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

33.4152, 37.9954, 44.1008

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8522, 41.9780, 52.8254 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(110, 186, 186)` looks like.

```
.text, #text, p{  
    color:rgb(110, 186, 186)  
}
```

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(110, 186, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 186, 186) }
```

Border

The CSS property to change the border of an element to XYZ 32.8522, 41.9780, 52.8254 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(110, 186, 186) }
```


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

```
.border{ border-color:rgb(110, 186, 186) }
```

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

Here you see how a box with a 4 pixel rgb(110, 186, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 186, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 186, 186);  
box-shadow:4px 4px 4px 4px rgb(110, 186,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8522, 41.9780, 52.8254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 186, 186) }
```

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

```
.background{ background-color: rgb(110,  
186, 186) }
```

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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