

Converting Colors

XYZ(32.6877, 42.0448, 51.7611)

Have a look what the booklet for
XYZ(32.6877, 42.0448, 51.7611)
contains.

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Color

**XYZ(32.6410, 41.8935,
51.7133)**

Conversions

Conversions Part 1

Format	Color
Hex	6EBAB8
RGB	110, 186, 184
RGB Percent	43%, 73%, 72%
CMY	0.5686, 0.2706, 0.2784
CMYK	0.41, 0.00, 0.01, 0.27
HSL	178°, 36%, 58%
HSV	178°, 41%, 73%
XYZ	32.6410, 41.8935, 51.7133
YIQ	163.0480, -44.6540, -16.7340

Conversions

Conversions Part 2

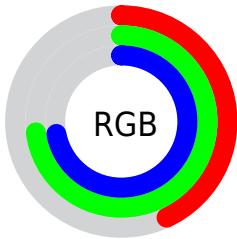
Format	Color
RYB	110, 149, 186
Decimal	7256760
CIELab	70.80, -23.98, -6.39
CIELCh	71, 24.821, 194.923
Yxy	41.8935, 0.2585, 0.3318
Android (android.graphics.Color)	4285446840 (0xFF6EBAB8)
YUV	163.0480, 10.3293, -46.5231
Hunter-Lab	64.7252, -23.2513, -2.0631

Details

The XYZ color **32.6410, 41.8935, 51.7133** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **28.7516, 22.7619, 18.2088**, and the grayscale version is **34.8043, 36.6168, 39.8757**.

A 20% lighter version of the original color is **62.9974, 77.7949, 94.1337**, and **14.0598, 19.2260, 24.4427** is the 20% darker color. If you saturate the color by 10%, you get **30.5144, 40.8041, 51.3470**, and if you desaturate by 10%, it is **35.2560, 43.2367, 52.1052**.

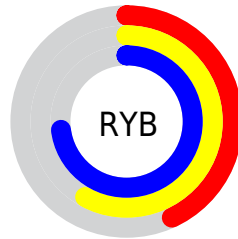
Distribution



Red (43%)

Green (73%)

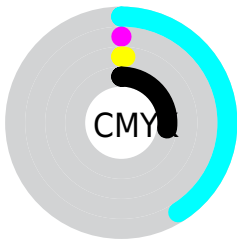
Blue (72%)



Red (43%)

Yellow (58%)

Blue (73%)

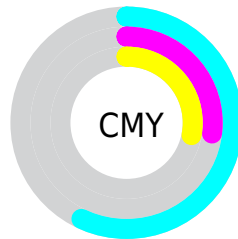


Cyan (41%)

Magenta (0%)

Yellow (1%)

Black (27%)



Cyan (57%)

Magenta (27%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6410, 41.8935, 51.7133 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 32.6410, 41.8935, 51.7133 by changing the saturation by 10% instead.

■ 32.6410, 41.8935,
51.7133

■ 32.6410, 41.8935,
51.7133

305.7226,
354.0413, 410.2542

■ 22.0095, 29.0179,
36.3959

■ 63.1731, 78.0384,
94.1306

■ 13.9805, 19.0944,
24.4480

■ 83.8043, 102.0765,
122.0675

■ 8.1887, 11.7385,
15.4510

■ 108.4996,
130.6043, 155.0481

■ 4.2688, 6.5659,
8.9864

■ 137.6241,
164.0060, 193.4909

■ 1.8553, 3.1921,
4.6356

171.5433,
202.6662, 237.8143

■ 0.5506, 1.2328,
1.9801

210.6226,

■ 0.0000, 0.0883,

246.9692, 288.4370

0.5430

255.2272,
297.2994, 345.7774

■ 0.0000, 0.0000,
0.0000

■ 32.6410, 41.8935,
51.7133

■ 32.6410, 41.8935,
51.7133

■ 30.5144, 40.8041,
51.3470

■ 35.2560, 43.2367,
52.1052

■ 28.8418, 39.9478,
51.0020

■ 38.3837, 44.8431,
52.5211

■ 27.5903, 39.3085,
50.6776

■ 42.0512, 46.7277,
52.9632

■ 26.7211, 38.8663,
50.3720

■ 46.2825, 48.9031,
53.4327

■ 26.1880, 38.5973,
50.0831

■ 51.1004, 51.3808,
53.9305

■ 25.9107, 38.4597,
49.8296

■ 56.5262, 54.1718,
54.4577

■ 62.5804, 57.2868,
55.0152

■ 67.8682, 60.0067,
55.5378

■ 67.9211, 60.0278,
55.8163

Harmonies

Analogous

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



32.6458, 41.8935, 39.9621



32.6410, 41.8935, 51.7133



34.4665, 41.8935, 63.5934

Triad

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



32.6410, 41.8935, 51.7133



45.6813, 41.8935, 63.6471



41.9157, 41.8935, 27.0214

Complementary

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



32.6410, 41.8935, 51.7133



28.7516, 22.7619, 18.2088

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.



45.6977, 41.8935, 31.3909



32.6410, 41.8935, 51.7133



47.9717, 41.8935, 51.7771

Square

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



32.6410, 41.8935, 51.7133



41.8946, 41.8935, 71.2494



47.9779, 41.8935, 40.0158



37.8122, 41.8935, 27.0103

Rectangle

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



32.6410, 41.8935, 51.7133



36.5531, 41.8935, 69.4159



47.9779, 41.8935, 40.0158



43.2728, 41.8935, 27.9907

Sweetspot

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



32.6422, 41.8951, 51.7143



75.2690, 84.2061, 95.8851



27.1248, 39.7251, 20.9907



16.3752, 18.4406, 21.0920



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.



32.6422, 41.8951, 51.7143



55.6717, 74.1439, 93.1337



26.2862, 28.8448, 50.6384



9.2562, 10.2064, 11.5064



17.4358, 25.8753, 33.5466



0.6179, 0.9135, 1.1996

Inverse Universe

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



28.7516, 22.7619, 18.2088



47.6645, 34.7475, 24.1623



33.2625, 31.9600, 19.1684



9.0139, 9.0159, 9.4208



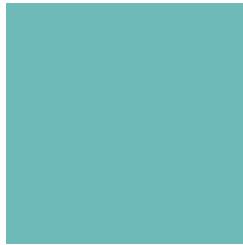
13.6458, 7.0321, 0.7558



0.4843, 0.2492, 0.0438

Previews

White Background



This preview shows how the XYZ color 32.6410, 41.8935, 51.7133 looks on a white background.

Color Contrast Check

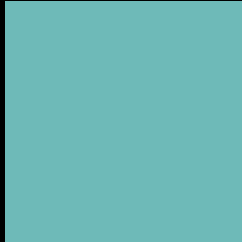
Large Text (above 18pt) WCAG AA × Fail

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 32.6410, 41.8935, 51.7133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

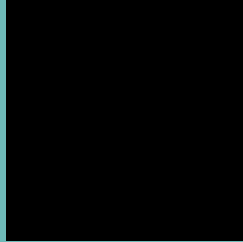
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.6410, 41.8935, 51.7133

Background



This preview shows how black text looks on a background with the XYZ color 32.6410, 41.8935, 51.7133.

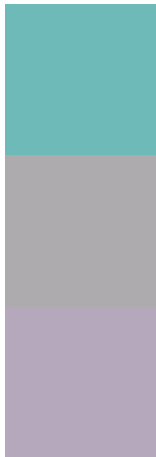


This preview shows how white text looks on a background with the XYZ color 32.6410, 41.8935,

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

32.6410, 41.8935, 51.7133

Protanopia

39.7563, 41.2196, 46.4182

Deuteranopia

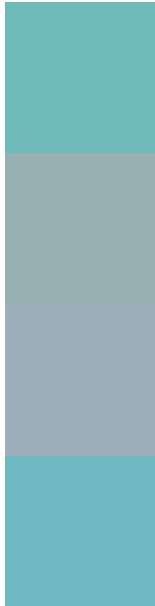
42.3711, 41.5812, 53.3697



Tritanopia

34.3887, 41.9819, 60.3237

Trichromacy



Original Color

32.6410, 41.8935, 51.7133

Protanomaly

36.3237, 40.8443, 48.0888

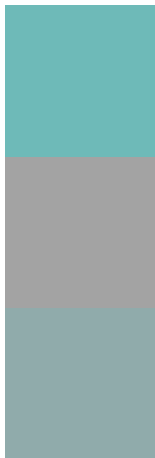
Deuteranomaly

38.0099, 41.3157, 52.9851

Tritanomaly

33.8966, 42.1037, 57.3792

Monochromacy



Original Color

32.6410, 41.8935, 51.7133

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 32.6410, 41.8935, 51.7133 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, 184)` looks like.

```
.text, #text, p{  
    color:rgb(110, 186, 184)  
}
```

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, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 186, 184) }
```

Border

The CSS property to change the border of an element to XYZ 32.6410, 41.8935, 51.7133 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, 184) }
```


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

```
.border{ border-color:rgb(110, 186, 184) }
```

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, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 186, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 186, 184);  
box-shadow:4px 4px 4px 4px rgb(110, 186,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6410, 41.8935, 51.7133 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, 184) }
```

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

```
.background{ background-color: rgb(110,  
186, 184) }
```

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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