

Converting Colors

XYZ(32.1604, 37.8923, 45.1547)

Have a look what the booklet for
XYZ(32.1604, 37.8923, 45.1547)
contains.

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Color

**XYZ(32.1593, 37.8908,
45.1538)**

Conversions

Conversions Part 1

Format	Color
Hex	85ADAD
RGB	133, 173, 173
RGB Percent	52%, 68%, 68%
CMY	0.4784, 0.3216, 0.3216
CMYK	0.23, 0.00, 0.00, 0.32
HSL	180°, 20%, 60%
HSV	180°, 23%, 68%
XYZ	32.1593, 37.8908, 45.1538
YIQ	161.0400, -23.8400, -8.4800

Conversions

Conversions Part 2

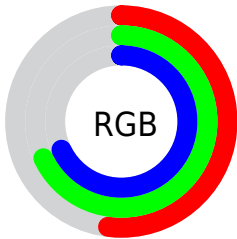
Format	Color
RYB	133, 153, 173
Decimal	8760749
CIELab	67.94, -13.40, -4.42
CIElCh	68, 14.109, 198.259
Yxy	37.8908, 0.2792, 0.3289
Android (android.graphics.Color)	4286950829 (0xFF85ADAD)
YUV	161.0400, 5.8963, -24.5911
Hunter-Lab	61.5555, -14.4659, -0.4031

Details

The XYZ color **32.1593, 37.8908, 45.1538** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.8561, 27.3539, 25.8982**, and the grayscale version is **33.8772, 35.6414, 38.8135**.

A 20% lighter version of the original color is **62.2405, 71.6530, 83.9488**, and **13.7682, 16.8491, 20.6157** is the 20% darker color. If you saturate the color by 10%, you get **29.6500, 36.5982, 45.0367**, and if you desaturate by 10%, it is **35.1207, 39.4184, 45.2937**.

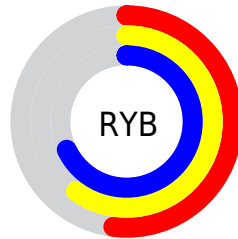
Distribution



Red (52%)

Green (68%)

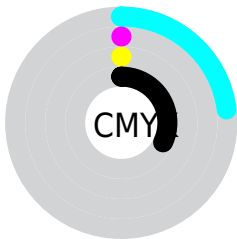
Blue (68%)



Red (52%)

Yellow (60%)

Blue (68%)

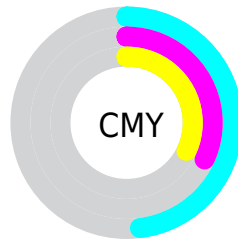


Cyan (23%)

Magenta (0%)

Yellow (0%)

Black (32%)



Cyan (48%)

Magenta (32%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.1593, 37.8908, 45.1538 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 32.1593, 37.8908, 45.1538 by changing the saturation by 10% instead.

■ 32.1593, 37.8908,
45.1538

■ 32.1593, 37.8908,
45.1538

303.5767,
337.1513, 383.5744

■ 21.6393, 25.8979,
31.2348

■ 62.4242, 71.9407,
84.2721

■ 13.7072, 16.7473,
20.5177

■ 82.8999, 94.7666,
110.3083

■ 7.9977, 10.0545,
12.5841

■ 107.4249,
121.9723, 141.2208

■ 4.1453, 5.4351,
7.0155

136.3646,
153.9421, 177.4279

■ 1.7846, 2.5047,
3.3932

170.0842,
191.0605, 219.3483

■ 0.5084, 0.8790,
1.2987

208.9492,

■ 0.0000, 0.0000,

233.7120, 267.4005

0.0607

253.3249,
282.2807, 322.0030

■ 0.0000, 0.0000,
0.0000

■ 32.1593, 37.8908,
45.1538

■ 32.1593, 37.8908,
45.1538

■ 29.6500, 36.5982,
45.0367

■ 35.1207, 39.4184,
45.2937

■ 27.5674, 35.5246,
44.9387

■ 38.5514, 41.1870,
45.4547

■ 25.8889, 34.6593,
44.8597

■ 42.4717, 43.2080,
45.6387

■ 24.5882, 33.9888,
44.7984

■ 46.8998, 45.4908,
45.8464

■ 23.6361, 33.4980,
44.7533

■ 51.8529, 48.0442,
46.0787

■ 22.9990, 33.1695,
44.7230

■ 57.3475, 50.8767,
46.3363

■ 22.6367, 32.9828,
44.7056

■ 63.3992, 53.9965,
46.6200

■ 22.4864, 32.9053,
44.6982

■ 63.7279, 54.1659,
46.6359

■ 63.7280, 54.1659,
46.6363

Harmonies

Analogous

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



32.0445, 37.8908, 38.8496



32.1593, 37.8908, 45.1538



33.2812, 37.8908, 50.9309

Triad

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



32.1593, 37.8908, 45.1538



39.2502, 37.8908, 49.8228



36.8783, 37.8908, 30.5345

Complementary

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



32.1593, 37.8908, 45.1538



29.8561, 27.3539, 25.8982

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.



38.8926, 37.8908, 32.8922



32.1593, 37.8908, 45.1538



40.2987, 37.8908, 43.7611

Square

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



32.1593, 37.8908, 45.1538



37.3503, 37.8908, 53.8092



40.1652, 37.8908, 37.5904



34.7101, 37.8908, 30.8259

Rectangle

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



32.1593, 37.8908, 45.1538



34.4759, 37.8908, 53.5103



40.1652, 37.8908, 37.5904



37.5974, 37.8908, 31.0329

Sweetspot

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



32.1604, 37.8923, 45.1547



66.4795, 72.4405, 81.2837



28.9569, 36.6231, 27.7340



14.3713, 15.7037, 17.6612



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



32.1604, 37.8923, 45.1547



55.0844, 66.5662, 80.7486



28.7175, 31.0063, 44.0081



8.2363, 9.0721, 10.2696



16.5190, 24.1729, 32.8362



0.4595, 0.6725, 0.9135

Inverse Universe

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



29.8561, 27.3539, 25.8982



50.1925, 44.1934, 39.8678



32.7510, 33.1439, 26.8624



8.0053, 8.0154, 8.3387



12.6607, 6.5268, 0.5927



0.3522, 0.1816, 0.0165

Previews

White Background



This preview shows how the XYZ color 32.1593, 37.8908, 45.1538 looks on a white background.

Color Contrast Check

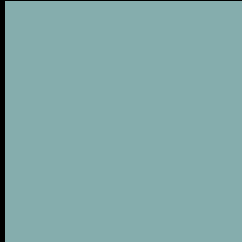
Large Text (above 18pt) WCAG AA × Fail

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 32.1593, 37.8908, 45.1538 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

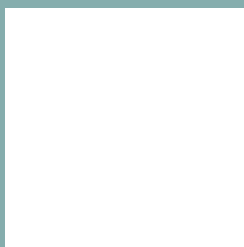
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.1593, 37.8908, 45.1538

Background



This preview shows how black text looks on a background with the XYZ color 32.1593, 37.8908, 45.1538.



This preview shows how white text looks on a background with the XYZ color 32.1593, 37.8908,

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

32.1593, 37.8908, 45.1538

Protanopia

36.2797, 37.5936, 42.3899

Deuteranopia

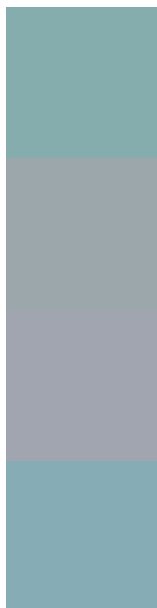
38.3118, 37.5063, 46.2945



Tritanopia

33.3115, 37.7795, 51.4354

Trichromacy



Original Color

32.1593, 37.8908, 45.1538

Protanomaly

34.5920, 37.5083, 43.4468

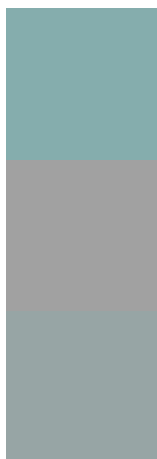
Deuteranomaly

35.6902, 37.4790, 45.9105

Tritanomaly

32.9245, 37.9096, 49.2980

Monochromacy



Original Color

32.1593, 37.8908, 45.1538

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.0092, 36.2062, 40.8460

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1593, 37.8908, 45.1538 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(133, 173, 173)` looks like.

```
.text, #text, p{  
    color:rgb(133, 173, 173)  
}
```

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(133, 173, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 173, 173) }
```

Border

The CSS property to change the border of an element to XYZ 32.1593, 37.8908, 45.1538 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(133, 173, 173) }
```


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

```
.border{ border-color:rgb(133, 173, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 173, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 173, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 173, 173);  
box-shadow:4px 4px 4px 4px rgb(133, 173,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1593, 37.8908, 45.1538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 173, 173) }
```

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

```
.background{ background-color: rgb(133,  
173, 173) }
```

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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