

Converting Colors

XYZ(28.8149, 37.7368, 48.9406)

Have a look what the booklet for
XYZ(28.8149, 37.7368, 48.9406)
contains.

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Color

**XYZ(28.8725, 37.8626,
48.9665)**

Conversions

Conversions Part 1

Format	Color
Hex	5DB3B4
RGB	93, 179, 180
RGB Percent	36%, 70%, 71%
CMY	0.6353, 0.2980, 0.2941
CMYK	0.48, 0.01, 0.00, 0.29
HSL	181°, 37%, 54%
HSV	181°, 48%, 71%
XYZ	28.8725, 37.8626, 48.9665
YIQ	153.4000, -51.5770, -17.9210

Conversions

Conversions Part 2

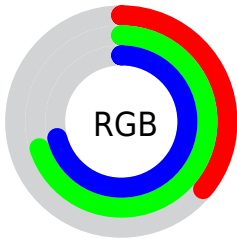
Format	Color
RYB	93, 136, 180
Decimal	6140852
CIELab	67.92, -25.61, -8.54
CIElCh	68, 26.995, 198.446
Yxy	37.8626, 0.2495, 0.3272
Android (android.graphics.Color)	4284330932 (0xFF5DB3B4)
YUV	153.4000, 13.1138, -52.9708
Hunter-Lab	61.5326, -23.9258, -4.1091

Details

The XYZ color **28.8725, 37.8626, 48.9665** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **24.8016, 18.4996, 12.6204**, and the grayscale version is **30.4142, 31.9982, 34.8460**.

A 20% lighter version of the original color is **57.2431, 71.8624, 90.2107**, and **11.8567, 16.7453, 22.6859** is the 20% darker color. If you saturate the color by 10%, you get **27.2196, 36.9500, 48.8781**, and if you desaturate by 10%, it is **30.9565, 38.9993, 49.0767**.

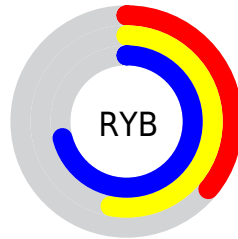
Distribution



Red (36%)

Green (70%)

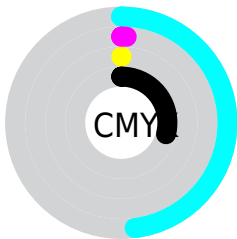
Blue (71%)



Red (36%)

Yellow (53%)

Blue (71%)

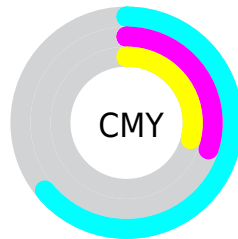


Cyan (48%)

Magenta (1%)

Yellow (0%)

Black (29%)



Cyan (64%)

Magenta (30%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8725, 37.8626, 48.9665 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 28.8725, 37.8626, 48.9665 by changing the saturation by 10% instead.

■ 28.8725, 37.8626,
48.9665

■ 28.8725, 37.8626,
48.9665

288.6180,
337.0302, 399.2291

■ 19.1282, 25.8761,
34.2275

■ 57.2734, 71.8975,
90.0222

■ 11.8675, 16.7309,
22.7896

■ 76.6607, 94.7146,
117.1759

■ 6.7251, 10.0428,
14.2344

■ 99.9931, 121.9108,
149.3050

■ 3.3356, 5.4274,
8.1433

■ 127.6358,
153.8703, 186.8279

■ 1.3336, 2.5001,
4.0977

159.9544,
190.9776, 230.1632

■ 0.2082, 0.8767,
1.6791

197.3140,

■ 0.0000, 0.0000,

233.6171, 279.7295

0.3463

240.0801,
282.1732, 335.9453

■ 0.0000, 0.0000,
0.0000

■ 28.8725, 37.8626,
48.9665

■ 28.8725, 37.8626,
48.9665

■ 27.2196, 36.9500,
48.8781

■ 30.9565, 38.9993,
49.0767

■ 25.9639, 36.2413,
48.8075

■ 33.4959, 40.3700,
49.2075

■ 25.0719, 35.7203,
48.7540

■ 36.5169, 41.9891,
49.3608

■ 24.5032, 35.3659,
48.7155

■ 40.0431, 43.8687,
49.5377

■ 24.1904, 35.1436,
48.6891

■ 44.0963, 46.0201,
49.7393

■ 24.1459, 35.1105,
48.6851

■ 48.6972, 48.4539,
49.9666

■ 53.8652, 51.1802,
50.2205

■ 59.6189, 54.2085,
50.5017

■ 65.9742, 57.5470,
50.8112

Harmonies

Analogous

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



28.6566, 37.8626, 36.7748



28.8725, 37.8626, 48.9665



30.9030, 37.8626, 61.0165

Triad

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



28.8725, 37.8626, 48.9665



42.3596, 37.8626, 58.5044



37.6253, 37.8626, 22.4994

Complementary

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



28.8725, 37.8626, 48.9665



24.8016, 18.4996, 12.6204

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.



41.6006, 37.8626, 26.2570



28.8725, 37.8626, 48.9665



44.4723, 37.8626, 46.0225

Square

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



28.8725, 37.8626, 48.9665



38.5973, 37.8626, 67.2178



44.1842, 37.8626, 34.3474



33.4977, 37.8626, 22.9822

Rectangle

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



28.8725, 37.8626, 48.9665



33.1077, 37.8626, 66.6265



44.1842, 37.8626, 34.3474



39.0291, 37.8626, 23.2734

Sweetspot

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



28.8736, 37.8641, 48.9674



68.7152, 77.4704, 89.6262



22.8121, 35.7608, 16.0570



14.5663, 16.5917, 19.3571



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



28.8736, 37.8641, 48.9674



49.1821, 66.9011, 88.6156



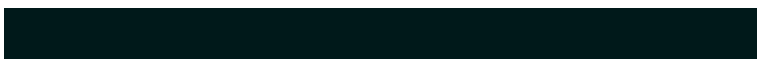
21.6281, 23.3729, 46.5522



8.7341, 9.6145, 10.9018



16.8557, 24.5118, 33.9799



0.5330, 0.7765, 1.0700

Inverse Universe

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



30.8744, 20.7876, 45.0345



53.2601, 32.3148, 80.5499



29.6738, 28.2441, 14.2445



8.8458, 8.6450, 10.6862



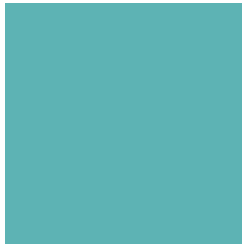
18.7426, 9.0146, 30.1344



0.5911, 0.2842, 0.9552

Previews

White Background



This preview shows how the XYZ color 28.8725, 37.8626, 48.9665 looks on a white background.

Color Contrast Check

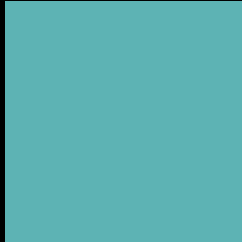
Large Text (above 18pt) WCAG AA × Fail

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 28.8725, 37.8626, 48.9665 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

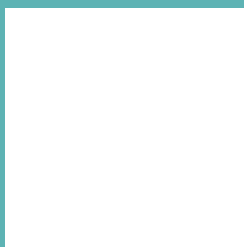
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.8725, 37.8626, 48.9665

Background



This preview shows how black text looks on a background with the XYZ color 28.8725, 37.8626, 48.9665.

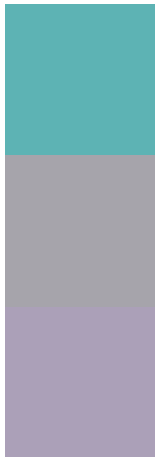


This preview shows how white text looks on a background with the XYZ color 28.8725, 37.8626,

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

28.8725, 37.8626, 48.9665

Protanopia

36.3520, 37.5982, 43.8693

Deuteranopia

38.0171, 37.2602, 50.5356



Tritanopia

30.1663, 37.7914, 55.5737

Trichromacy



Original Color

28.8725, 37.8626, 48.9665

Protanomaly

32.4754, 36.9209, 45.4592

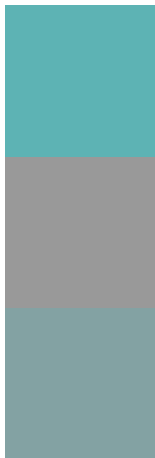
Deuteranomaly

33.6937, 36.8960, 50.1455

Tritanomaly

29.8214, 37.9584, 53.3319

Monochromacy



Original Color

28.8725, 37.8626, 48.9665

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

28.8913, 33.3103, 39.5571

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8725, 37.8626, 48.9665 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(93, 179, 180)` looks like.

```
.text, #text, p{  
    color:rgb(93, 179, 180)  
}
```

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(93, 179, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 179, 180) }
```

Border

The CSS property to change the border of an element to XYZ 28.8725, 37.8626, 48.9665 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(93, 179, 180) }
```


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

```
.border{ border-color:rgb(93, 179, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 179, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 179, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 179, 180);  
box-shadow:4px 4px 4px 4px rgb(93, 179,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8725, 37.8626, 48.9665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 179, 180) }
```

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

```
.background{ background-color: rgb(93, 179,  
180) }
```

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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