

Converting Colors

XYZ(28.5129, 37.7395, 46.3938)

Have a look what the booklet for
XYZ(28.5129, 37.7395, 46.3938)
contains.

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Color

**XYZ(28.4741, 37.7150,
46.3364)**

Conversions

Conversions Part 1

Format	Color
Hex	5EB3AF
RGB	94, 179, 175
RGB Percent	37%, 70%, 69%
CMY	0.6314, 0.2980, 0.3137
CMYK	0.47, 0.00, 0.02, 0.30
HSL	177°, 36%, 54%
HSV	177°, 47%, 70%
XYZ	28.4741, 37.7150, 46.3364
YIQ	153.1290, -49.3760, -19.2640

Conversions

Conversions Part 2

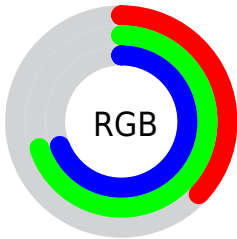
Format	Color
R _Y B	94, 138, 179
Decimal	6206383
CIE Lab	67.81, -26.69, -5.94
CIE LCh	68, 27.342, 192.538
Yxy	37.7150, 0.2530, 0.3352
Android (android.graphics.Color)	4284396463 (0xFF5EB3AF)
YUV	153.1290, 10.7824, -51.8561
Hunter-Lab	61.4125, -24.7099, -1.7461

Details

The XYZ color **28.4741, 37.7150, 46.3364** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **24.7991, 18.4722, 13.8152**, and the grayscale version is **30.3054, 31.8836, 34.7212**.

A 20% lighter version of the original color is **56.5689, 71.6139, 85.7043**, and **11.6957, 16.6919, 21.3443** is the 20% darker color. If you saturate the color by 10%, you get **26.7649, 36.8443, 45.8265**, and if you desaturate by 10%, it is **30.6117, 38.8083, 46.8707**.

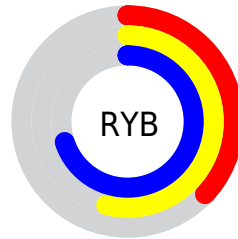
Distribution



Red (37%)

Green (70%)

Blue (69%)



Red (37%)

Yellow (54%)

Blue (70%)

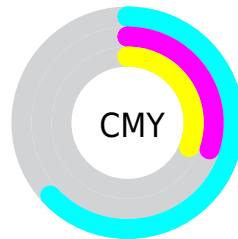


Cyan (47%)

Magenta (0%)

Yellow (2%)

Black (30%)



Cyan (63%)

Magenta (30%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4741, 37.7150, 46.3364 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 28.4741, 37.7150, 46.3364 by changing the saturation by 10% instead.

■ 28.4741, 37.7150,
46.3364

■ 28.4741, 37.7150,
46.3364

286.7646,
336.3958, 388.4762

■ 18.8256, 25.7616,
32.1608

■ 56.6438, 71.6711,
86.0618

■ 11.6476, 16.6454,
21.2185

■ 75.8958, 94.4426,
112.4487

■ 6.5747, 9.9820,
13.0910

■ 99.0797, 121.5888,
143.7430

■ 3.2415, 5.3870,
7.3598

■ 126.5608,
153.4942, 180.3634

■ 1.2827, 2.4761,
3.6063

158.7045,
190.5433, 222.7284

■ 0.1702, 0.8646,
1.4119

195.8761,

■ 0.0000, 0.0000,

233.1203, 271.2565

0.1510

238.4410,
281.6097, 326.3663

■ 0.0000, 0.0000,
0.0000

■ 28.4741, 37.7150,
46.3364

■ 28.4741, 37.7150,
46.3364

■ 26.7649, 36.8443,
45.8265

■ 30.6117, 38.8083,
46.8707

■ 25.4509, 36.1764,
45.3369

■ 33.2013, 40.1336,
47.4281

■ 24.4995, 35.6954,
44.8670


■ 36.2689, 41.7053,
48.0105


■ 23.8714, 35.3809,
44.4149

■ 39.8373, 43.5351,
48.6191


■ 23.5075, 35.2026,
43.9778


■ 43.9281, 45.6342,
49.2549

 23.4310, 35.1655,
43.8690

 48.5615, 48.0129,
49.9187

 53.7567, 50.6811,
50.6116

 59.5318, 53.6483,
51.3344

 65.8649, 56.9030,
52.0860

Harmonies

Analogous

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



28.6296, 37.7150, 34.4598



28.4741, 37.7150, 46.3364



30.1778, 37.7150, 58.9274

Triad

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



28.4741, 37.7150, 46.3364



41.6363, 37.7150, 60.7476



38.3454, 37.7150, 22.6007

Complementary

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



28.4741, 37.7150, 46.3364



24.7991, 18.4722, 13.8152

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.



42.1851, 37.7150, 27.2353



28.4741, 37.7150, 46.3364



44.1855, 37.7150, 48.4650

Square

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



28.4741, 37.7150, 46.3364



37.6431, 37.7150, 68.2822



44.3939, 37.7150, 36.2098



34.1089, 37.7150, 22.2543

Rectangle

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



28.4741, 37.7150, 46.3364



32.2228, 37.7150, 65.4167



44.3939, 37.7150, 36.2098



39.7332, 37.7150, 23.6594

Sweetspot

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



28.4752, 37.7165, 46.3373



66.9297, 75.7031, 86.3313



23.2058, 35.6604, 16.2508



14.5379, 16.6231, 19.0757



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.



28.4752, 37.7165, 46.3373



47.8053, 65.9195, 82.0283



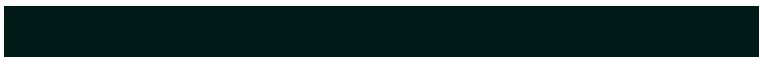
22.2421, 24.6119, 46.2276



8.7250, 9.6245, 10.8116



16.5637, 24.8515, 31.0352



0.5264, 0.7840, 1.0042

Inverse Universe

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



24.7991, 18.4722, 13.8152



40.4332, 27.2774, 16.7720



28.8974, 26.9637, 14.2722



8.5120, 8.5115, 8.9288



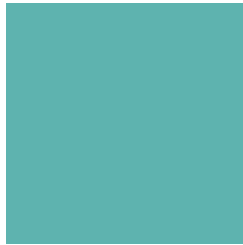
13.1763, 6.7881, 0.8226



0.4199, 0.2157, 0.0540

Previews

White Background



This preview shows how the XYZ color 28.4741, 37.7150, 46.3364 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 28.4741, 37.7150, 46.3364 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 28.4741, 37.7150, 46.3364

Background



This preview shows how black text looks on a background with the XYZ color 28.4741, 37.7150, 46.3364.



This preview shows how white text looks on a background with the XYZ color 28.4741, 37.7150,

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

28.4741, 37.7150, 46.3364

Protanopia

35.9165, 37.1630, 41.3566

Deuteranopia

37.9411, 37.2805, 47.8440



Tritanopia

30.2717, 37.8585, 55.0022

Trichromacy



Original Color

28.4741, 37.7150, 46.3364

Protanomaly

32.1646, 36.8160, 42.9471

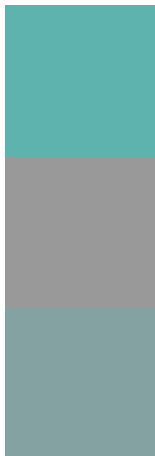
Deuteranomaly

33.3562, 36.7811, 47.4609

Tritanomaly

29.6071, 37.8850, 51.6510

Monochromacy



Original Color

28.4741, 37.7150, 46.3364

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

28.8691, 33.3194, 38.6279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4741, 37.7150, 46.3364 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(94, 179, 175)` looks like.

```
.text, #text, p{  
    color:rgb(94, 179, 175)  
}
```

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(94, 179, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 179, 175) }
```

Border

The CSS property to change the border of an element to XYZ 28.4741, 37.7150, 46.3364 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(94, 179, 175) }
```


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

```
.border{ border-color:rgb(94, 179, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 179, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 179, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 179, 175);  
box-shadow:4px 4px 4px 4px rgb(94, 179,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4741, 37.7150, 46.3364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 179, 175) }
```

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

```
.background{ background-color: rgb(94, 179,  
175) }
```

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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