

Converting Colors

XYZ(29.0843, 39.2257, 47.1127)

Have a look what the booklet for
XYZ(29.0843, 39.2257, 47.1127)
contains.

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Color

**XYZ(29.0843, 39.2257,
47.1127)**

Conversions

Conversions Part 1

Format	Color
Hex	5BB7B0
RGB	91, 183, 176
RGB Percent	36%, 72%, 69%
CMY	0.6431, 0.2823, 0.3098
CMYK	0.50, 0.00, 0.04, 0.28
HSL	175°, 39%, 54%
HSV	175°, 50%, 72%
XYZ	29.0843, 39.2257, 47.1127
YIQ	154.6940, -52.5850, -21.6810

Conversions

Conversions Part 2

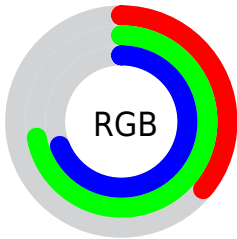
Format	Color
RYB	91, 139, 183
Decimal	6010800
CIELab	68.91, -29.08, -4.87
CIELCh	69, 29.482, 189.502
Yxy	39.2257, 0.2520, 0.3398
Android (android.graphics.Color)	4284200880 (0xFF5BB7B0)
YUV	154.6940, 10.5039, -55.8596
Hunter-Lab	62.6304, -26.7115, -0.7586

Details

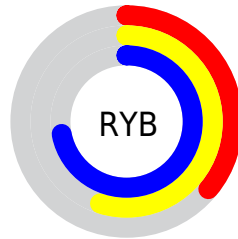
The XYZ color **29.0843, 39.2257, 47.1127** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **25.4754, 18.4323, 13.7717**, and the grayscale version is **30.9932, 32.6073, 35.5093**.

A 20% lighter version of the original color is **57.6447, 73.8551, 87.5612**, and **12.0727, 17.6535, 21.8400** is the 20% darker color. If you saturate the color by 10%, you get **27.3588, 38.3529, 46.3170**, and if you desaturate by 10%, it is **31.2534, 40.3288, 47.9382**.

Distribution



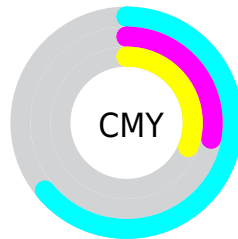
- Red (36%)
- Green (72%)
- Blue (69%)



- Red (36%)
- Yellow (55%)
- Blue (72%)



- Cyan (50%)
- Magenta (0%)
- Yellow (4%)
- Black (28%)



- Cyan (64%)
- Magenta (28%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0843, 39.2257, 47.1127 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 29.0843, 39.2257, 47.1127 by changing the saturation by 10% instead.

■ 29.0843, 39.2257,
47.1127

■ 29.0843, 39.2257,
47.1127

289.5995,
342.8491, 391.6710

■ 19.2892, 26.9354,
32.7698

■ 57.6076, 73.9830,
87.2336

■ 11.9847, 17.5247,
21.6805

■ 77.0666, 97.2187,
113.8486

■ 6.8054, 10.6093,
13.4262

■ 100.4775,
124.8717, 145.3914

■ 3.3859, 5.8048,
7.5885

■ 128.2058,
157.3263, 182.2805

■ 1.3610, 2.7267,
3.7488

160.6168,
194.9670, 224.9345

■ 0.2282, 0.9908,
1.4886

198.0758,

■ 0.0000, 0.0000,

238.1781, 273.7719

0.2094

240.9483,
287.3440, 329.2112

■ 0.0000, 0.0000,
0.0000

■ 29.0843, 39.2257,
47.1127

■ 29.0843, 39.2257,
47.1127

■ 27.3588, 38.3529,
46.3170

■ 31.2534, 40.3288,
47.9382

■ 26.0409, 37.6892,
45.5469

■ 33.8919, 41.6729,
48.7923

■ 25.0947, 37.2169,
44.8016

■ 37.0277, 43.2731,
49.6770

■ 24.4764, 36.9136,
44.0789

■ 40.6856, 45.1423,
50.5936

■ 24.1026, 36.7357,
43.3935

■ 44.8886, 47.2924,
51.5432

■ 49.6585, 49.7345,
52.5269

■ 55.0158, 52.4793,
53.5455

■ 60.9799, 55.5367,
54.6000

■ 67.3092, 58.7823,
55.6792

Harmonies

Analogous

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



29.4646, 39.2257, 34.2969



29.0843, 39.2257, 47.1127



30.7543, 39.2257, 61.3152

Triad

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



29.0843, 39.2257, 47.1127



43.3124, 39.2257, 65.8730



40.5276, 39.2257, 22.8137

Complementary

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



29.0843, 39.2257, 47.1127



25.4754, 18.4323, 13.7717

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.



44.6756, 39.2257, 28.3099



29.0843, 39.2257, 47.1127



46.3745, 39.2257, 52.3976

Square

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



29.0843, 39.2257, 47.1127



38.7900, 39.2257, 73.5473



46.8933, 39.2257, 38.5907



35.8153, 39.2257, 21.9816

Rectangle

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



29.0843, 39.2257, 47.1127



32.8949, 39.2257, 69.0232



46.8933, 39.2257, 38.5907



42.0447, 39.2257, 24.1122

Sweetspot

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



29.0855, 39.2272, 47.1136



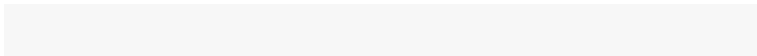
69.4856, 79.1190, 89.7850



23.9322, 37.2578, 15.8284



15.0478, 17.3220, 19.7548



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



29.0855, 39.2272, 47.1136



48.8039, 68.5893, 82.8493



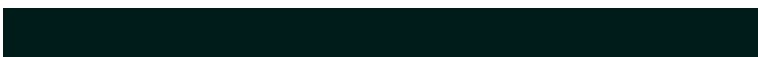
22.9373, 25.7934, 48.5712



9.2364, 10.1985, 11.4022



16.8251, 25.6310, 30.3306



0.6019, 0.9071, 1.1157

Inverse Universe

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



25.4754, 18.4323, 13.7717



41.6402, 27.2237, 16.6111



29.3123, 26.6124, 13.4901



9.0316, 9.0230, 9.5139



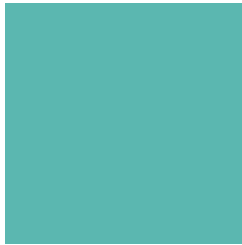
13.6888, 7.0493, 0.9818



0.4920, 0.2523, 0.0841

Previews

White Background



This preview shows how the XYZ color 29.0843, 39.2257, 47.1127 looks on a white background.

Color Contrast Check

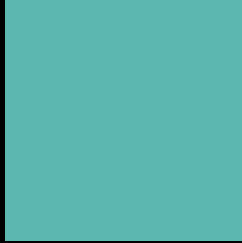
Large Text (above 18pt) WCAG AA × Fail

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 29.0843, 39.2257, 47.1127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

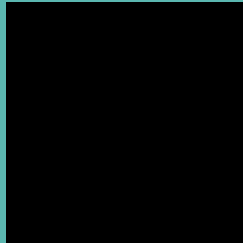
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

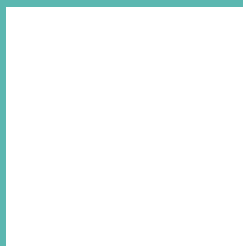
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.0843, 39.2257, 47.1127

Background



This preview shows how black text looks on a background with the XYZ color 29.0843, 39.2257, 47.1127.



This preview shows how white text looks on a background with the XYZ color 29.0843, 39.2257,

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

29.0843, 39.2257, 47.1127

Protanopia

37.0967, 38.5717, 41.5663

Deuteranopia

39.2900, 38.4831, 48.5372



Tritanopia

31.1013, 39.1240, 57.5422

Trichromacy



Original Color

29.0843, 39.2257, 47.1127



Protanomaly

32.9927, 38.0700, 43.6396



Deuteranomaly

34.3655, 38.1151, 48.1935



Tritanomaly

30.3203, 39.1115, 53.5282

Monochromacy



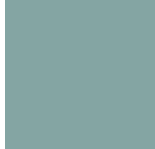
Original Color

29.0843, 39.2257, 47.1127



Achromatopsia

31.1553, 32.7778, 35.6950



Achromatomaly

29.5817, 34.4601, 39.7427

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0843, 39.2257, 47.1127 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(91, 183, 176)` looks like.

```
.text, #text, p{  
    color:rgb(91, 183, 176)  
}
```

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(91, 183, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 183, 176) }
```

Border

The CSS property to change the border of an element to XYZ 29.0843, 39.2257, 47.1127 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(91, 183, 176) }
```


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

```
.border{ border-color:rgb(91, 183, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 183, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 183, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 183, 176);  
box-shadow:4px 4px 4px 4px rgb(91, 183,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0843, 39.2257, 47.1127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 183, 176) }
```

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

```
.background{ background-color: rgb(91, 183,  
176) }
```

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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