

Converting Colors

XYZ(36.0594, 47.2984, 47.8171)

Have a look what the booklet for
XYZ(36.0594, 47.2984, 47.8171)
contains.

XYZ(36.0163, 47.3127, 47.7915)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(36.0163, 47.3127,
47.7915)**

Conversions

Conversions Part 1

Format	Color
Hex	7CC5AF
RGB	124, 197, 175
RGB Percent	49%, 77%, 69%
CMY	0.5137, 0.2274, 0.3137
CMYK	0.37, 0.00, 0.11, 0.23
HSL	162°, 39%, 63%
HSV	162°, 37%, 77%
XYZ	36.0163, 47.3127, 47.7915
YIQ	172.6650, -36.4460, -22.3180

Conversions

Conversions Part 2

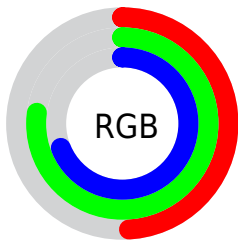
Format	Color
RYB	124, 167, 197
Decimal	8177071
CIELab	74.39, -27.79, 3.85
CIELCh	74, 28.057, 172.114
Yxy	47.3127, 0.2747, 0.3608
Android (android.graphics.Color)	4286367151 (0xFF7CC5AF)
YUV	172.6650, 1.1512, -42.6792
Hunter-Lab	68.7842, -26.9075, 6.9541

Details

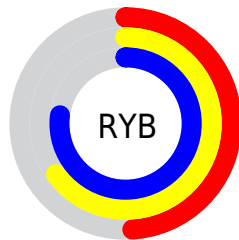
The XYZ color **36.0163, 47.3127, 47.7915** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **35.4235, 28.3622, 30.8034**, and the grayscale version is **39.5586, 41.6187, 45.3228**.

A 20% lighter version of the original color is **68.3151, 86.1805, 87.8968**, and **15.9961, 22.4146, 22.2223** is the 20% darker color. If you saturate the color by 10%, you get **32.8786, 45.7623, 44.6678**, and if you desaturate by 10%, it is **39.7511, 49.1704, 51.0791**.

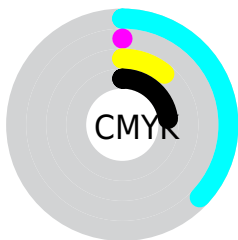
Distribution



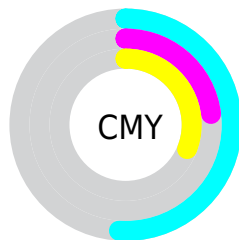
- Red (49%)
- Green (77%)
- Blue (69%)



- Red (49%)
- Yellow (65%)
- Blue (77%)



- Cyan (37%)
- Magenta (0%)
- Yellow (11%)
- Black (23%)



- Cyan (51%)
- Magenta (23%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0163, 47.3127, 47.7915 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 36.0163, 47.3127, 47.7915 by changing the saturation by 10% instead.

■ 36.0163, 47.3127,
47.7915

■ 36.0163, 47.3127,
47.7915

320.4618,
376.0613, 394.4499

■ 24.6170, 33.2829,
33.3030

■ 68.3809, 86.1802,
88.2562

■ 15.9191, 22.3433,
22.0856

■ 90.0769, 111.7867,
115.0695

■ 9.5574, 14.1093,
13.7209

■ 115.9358,
142.0209, 146.8281

■ 5.1665, 8.1968,
7.7903

146.3230,
177.2672, 183.9505

■ 2.3811, 4.2211,
3.8752

181.6039,
217.9100, 226.8554

■ 0.8357, 1.7980,
1.5571

222.1437,

■ 0.0000, 0.4859,

264.3337, 275.9612

0.2600

268.3079,
316.9227, 331.6866

■ 0.0000, 0.0000,
0.0000

■ 36.0163, 47.3127,
47.7915

■ 36.0163, 47.3127,
47.7915

■ 32.8786, 45.7623,
44.6678

■ 39.7511, 49.1704,
51.0791

■ 30.2995, 44.4957,
41.7014

■ 44.1105, 51.3459,
54.5304

■ 28.2425, 43.4954,
38.8899

■ 49.1251, 53.8561,
58.1496

■ 26.6645, 42.7391,
36.2295

■ 54.8223, 56.7151,
61.9395

■ 25.5155, 42.2013,
33.7160

■ 61.2279, 59.9363,
65.9030

■ 24.7274, 41.8467,
31.3445

■ 68.3664, 63.5321,
70.0426

■ 24.5276, 41.7584,
30.6713

■ 73.6748, 66.1812,
74.2401

■ 74.4593, 66.4950,
78.3709

■ 75.2718, 66.8200,
82.6493

Harmonies

Analogous

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



37.7294, 47.3127, 36.2488



36.0163, 47.3127, 47.7915



36.5561, 47.3127, 62.7152

Triad

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



36.0163, 47.3127, 47.7915



48.7265, 47.3127, 81.8299



51.2030, 47.3127, 32.5290

Complementary

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



36.0163, 47.3127, 47.7915



35.4235, 28.3622, 30.8034

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.



54.5834, 47.3127, 41.7354



36.0163, 47.3127, 47.7915



53.0807, 47.3127, 70.5600

Square

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



36.0163, 47.3127, 47.7915



43.6495, 47.3127, 84.2822



55.2952, 47.3127, 55.4281



46.3155, 47.3127, 28.5782

Rectangle

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



36.0163, 47.3127, 47.7915



38.1407, 47.3127, 72.5170



55.2952, 47.3127, 55.4281



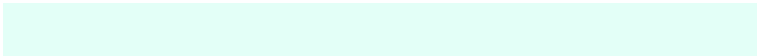
52.5679, 47.3127, 35.0192

Sweetspot

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



36.0176, 47.3146, 47.7926



84.1413, 94.5302, 101.4402



35.6594, 47.6035, 26.3786



17.7444, 20.1005, 21.5212



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



36.0176, 47.3146, 47.7926



60.1287, 82.5721, 81.3040



35.4527, 42.4400, 59.1487



10.8053, 12.0110, 12.9248



16.1707, 27.4807, 20.3754



0.7967, 1.3136, 1.1279

Inverse Universe

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



35.4235, 28.3622, 30.8034



58.9301, 44.0040, 46.7823



35.6658, 31.3274, 23.2366



10.7633, 10.6887, 11.7366



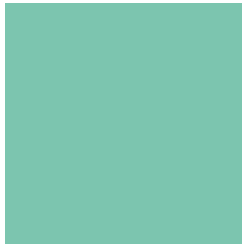
15.7036, 8.0310, 3.6490



0.7761, 0.3933, 0.3444

Previews

White Background



This preview shows how the XYZ color 36.0163, 47.3127, 47.7915 looks on a white background.

Color Contrast Check

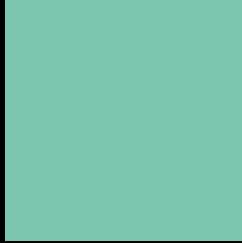
Large Text (above 18pt) WCAG AA × Fail

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 36.0163, 47.3127, 47.7915 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 36.0163, 47.3127, 47.7915

Background



This preview shows how black text looks on a background with the XYZ color 36.0163, 47.3127, 47.7915.



This preview shows how white text looks on a background with the XYZ color 36.0163, 47.3127,

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

36.0163, 47.3127, 47.7915

Protanopia

44.4852, 46.6566, 43.2202

Deuteranopia

47.7494, 46.7228, 49.1496



Tritanopia

39.7505, 47.1589, 66.6820

Trichromacy



Original Color

36.0163, 47.3127, 47.7915

Protanomaly

40.5431, 46.4423, 44.8576

Deuteranomaly

42.4100, 46.3796, 48.8364

Tritanomaly

38.3089, 47.2362, 59.3230

Monochromacy



Original Color

36.0163, 47.3127, 47.7915

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

37.8855, 43.4805, 46.4402

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0163, 47.3127, 47.7915 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(124, 197, 175)` looks like.

```
.text, #text, p{  
    color:rgb(124, 197, 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(124, 197, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 197, 175) }
```

Border

The CSS property to change the border of an element to XYZ 36.0163, 47.3127, 47.7915 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(124, 197, 175) }
```


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

```
.border{ border-color:rgb(124, 197, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 197, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 197, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 197, 175);  
box-shadow:4px 4px 4px 4px rgb(124, 197,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0163, 47.3127, 47.7915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 197, 175) }
```

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

```
.background{ background-color: rgb(124,  
197, 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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