

Converting Colors

XYZ(36.4174, 47.3474, 60.2251)

Have a look what the booklet for
XYZ(36.4174, 47.3474, 60.2251)
contains.

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Color

**XYZ(36.3510, 47.2149,
60.0208)**

Conversions

Conversions Part 1

Format	Color
Hex	6DC5C5
RGB	109, 197, 197
RGB Percent	43%, 77%, 77%
CMY	0.5725, 0.2274, 0.2274
CMYK	0.45, 0.00, 0.00, 0.23
HSL	180°, 43%, 60%
HSV	180°, 45%, 77%
XYZ	36.3510, 47.2149, 60.0208
YIQ	170.6880, -52.4480, -18.6560

Conversions

Conversions Part 2

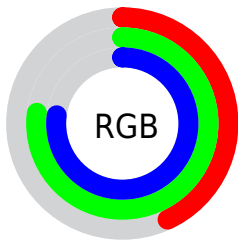
Format	Color
RYB	109, 153, 197
Decimal	7194053
CIELab	74.33, -26.41, -8.25
CIELCh	74, 27.664, 197.353
Yxy	47.2149, 0.2532, 0.3288
Android (android.graphics.Color)	4285384133 (0xFF6DC5C5)
YUV	170.6880, 12.9718, -54.1004
Hunter-Lab	68.7131, -25.8168, -3.6906

Details

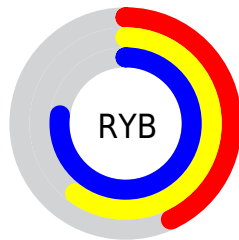
The XYZ color **36.3510, 47.2149, 60.0208** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **31.2566, 23.9132, 17.4381**, and the grayscale version is **38.5093, 40.5148, 44.1206**.

A 20% lighter version of the original color is **69.0571, 86.1464, 106.7542**, and **16.0958, 22.3062, 29.4438** is the 20% darker color. If you saturate the color by 10%, you get **34.1942, 46.1042, 59.9207**, and if you desaturate by 10%, it is **39.0537, 48.6093, 60.1486**.

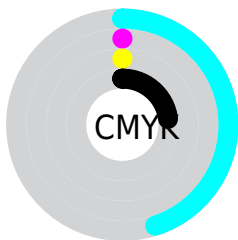
Distribution



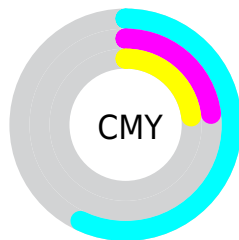
- Red (43%)
- Green (77%)
- Blue (77%)



- Red (43%)
- Yellow (60%)
- Blue (77%)



- Cyan (45%)
- Magenta (0%)
- Yellow (0%)
- Black (23%)



- Cyan (57%)
- Magenta (23%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.3510, 47.2149, 60.0208 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 36.3510, 47.2149, 60.0208 by changing the saturation by 10% instead.

■ 36.3510, 47.2149,
60.0208

■ 36.3510, 47.2149,
60.0208

321.8967,
375.6717, 442.4812

■ 24.8768, 33.2056,
43.0100

■ 68.8938, 86.0343,
106.4035

■ 16.1135, 22.2840,
29.5615

■ 90.6931, 111.6132,
136.6125

■ 9.6959, 14.0657,
19.2568

■ 116.6648,
141.8174, 172.0579

■ 5.2585, 8.1664,
11.6773

147.1742,
177.0313, 213.1584

■ 2.4360, 4.2016,
6.4045

182.5868,
217.6392, 260.3324

■ 0.8631, 1.7870,
3.0198

223.2678,

■ 0.0000, 0.4790,

264.0257, 313.9985

1.1048

269.5826,
316.5750, 374.5753

■ 0.0000, 0.0000,
0.0000

■ 36.3510, 47.2149,
60.0208

■ 36.3510, 47.2149,
60.0208

■ 34.1942, 46.1042,
59.9207

■ 39.0537, 48.6093,
60.1486

■ 32.5424, 45.2526,
59.8431

■ 42.3314, 50.2990,
60.3022

■ 31.3557, 44.6409,
59.7873

■ 46.2162, 52.3017,
60.4843

■ 30.5864, 44.2443,
59.7511

■ 50.7366, 54.6320,
60.6961

■ 30.1765, 44.0330,
59.7316

■ 55.9192, 57.3038,
60.9389

■ 30.0449, 43.9651,
59.7253

■ 61.7892, 60.3298,
61.2138

■ 68.3704, 63.7226,
61.5221

■ 71.2856, 65.2254,
61.6588

■ 71.2856, 65.2254,
61.6590

Harmonies

Analogous

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



36.1746, 47.2149, 45.6411



36.3510, 47.2149, 60.0208



38.7026, 47.2149, 74.3078

Triad

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



36.3510, 47.2149, 60.0208



52.2867, 47.2149, 72.2926



47.0035, 47.2149, 29.0430

Complementary

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



36.3510, 47.2149, 60.0208



31.2566, 23.9132, 17.4381

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.



51.6741, 47.2149, 33.7761



36.3510, 47.2149, 60.0208



54.8723, 47.2149, 57.6435

Square

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



36.3510, 47.2149, 60.0208



47.7904, 47.2149, 82.2425



54.6402, 47.2149, 43.6631



42.0832, 47.2149, 29.4427

Rectangle

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



36.3510, 47.2149, 60.0208



41.2928, 47.2149, 81.0644



54.6402, 47.2149, 43.6631



48.6614, 47.2149, 30.0436

Sweetspot

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



36.3524, 47.2167, 60.0219



83.8882, 94.2459, 108.3770



29.2167, 44.3835, 21.4962



17.5930, 19.9856, 23.1802



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.



36.3524, 47.2167, 60.0219



61.1860, 82.5425, 107.3127



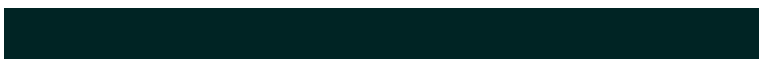
28.0190, 30.5497, 57.2452



10.9468, 12.0676, 13.6698



19.7612, 28.9169, 39.2827



0.9357, 1.3692, 1.8601

Inverse Universe

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



31.2566, 23.9132, 17.4381



50.8650, 35.3441, 21.0644



36.9406, 35.2815, 19.3323



10.6339, 10.6370, 11.0555



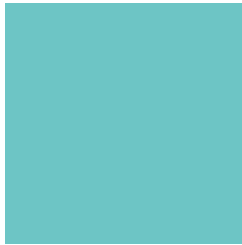
15.1453, 7.8077, 0.7089



0.7171, 0.3697, 0.0336

Previews

White Background



This preview shows how the XYZ color 36.3510, 47.2149, 60.0208 looks on a white background.

Color Contrast Check

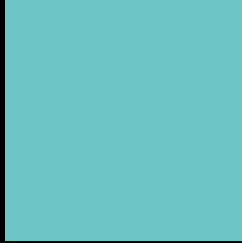
Large Text (above 18pt) WCAG AA × Fail

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 36.3510, 47.2149, 60.0208 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

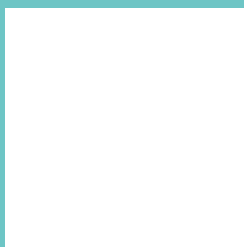
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.3510, 47.2149, 60.0208

Background



This preview shows how black text looks on a background with the XYZ color 36.3510, 47.2149, 60.0208.

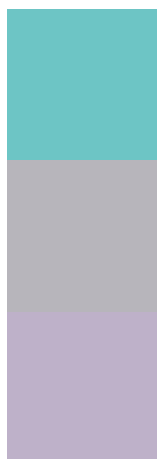


This preview shows how white text looks on a background with the XYZ color 36.3510, 47.2149,

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

36.3510, 47.2149, 60.0208

Protanopia

45.0220, 46.7029, 53.6554

Deuteranopia

47.5000, 46.6085, 61.7512



Tritanopia

38.0830, 47.2441, 68.7398

Trichromacy



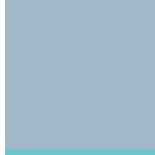
Original Color

36.3510, 47.2149, 60.0208



Protanomaly

40.8846, 46.3702, 56.0857



Deuteranomaly

42.2638, 46.0282, 61.3004



Tritanomaly

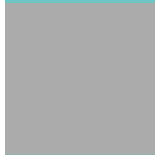
37.5626, 47.3808, 65.5582

Monochromacy



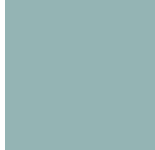
Original Color

36.3510, 47.2149, 60.0208



Achromatopsia

38.7082, 40.7240, 44.3485



Achromatomaly

36.7722, 42.2337, 49.3938

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3510, 47.2149, 60.0208 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(109, 197, 197)` looks like.

```
.text, #text, p{  
    color:rgb(109, 197, 197)  
}
```

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(109, 197, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 197, 197) }
```

Border

The CSS property to change the border of an element to XYZ 36.3510, 47.2149, 60.0208 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(109, 197, 197) }
```


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

```
.border{ border-color:rgb(109, 197, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 197, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 197, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 197, 197);  
box-shadow:4px 4px 4px 4px rgb(109, 197,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3510, 47.2149, 60.0208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 197, 197) }
```

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

```
.background{ background-color: rgb(109,  
197, 197) }
```

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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