

Converting Colors

XYZ(47.1982, 58.3908, 76.0346)

Have a look what the booklet for
XYZ(47.1982, 58.3908, 76.0346)
contains.

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Color

**XYZ(47.3140, 58.6109,
75.8372)**

Conversions

Conversions Part 1

Format	Color
Hex	8AD6DB
RGB	138, 214, 219
RGB Percent	54%, 84%, 86%
CMY	0.4588, 0.1608, 0.1412
CMYK	0.37, 0.02, 0.00, 0.14
HSL	184°, 53%, 70%
HSV	184°, 37%, 86%
XYZ	47.3140, 58.6109, 75.8372
YIQ	191.8460, -46.9010, -14.5570

Conversions

Conversions Part 2

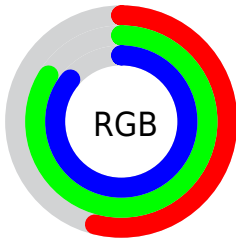
Format	Color
RYB	138, 177, 219
Decimal	9098971
CIELab	81.08, -22.17, -9.91
CIELCh	81, 24.284, 204.084
Yxy	58.6109, 0.2603, 0.3225
Android (android.graphics.Color)	4287289051 (0xFF8AD6DB)
YUV	191.8460, 13.3869, -47.2229
Hunter-Lab	76.5578, -23.6600, -5.1415

Details

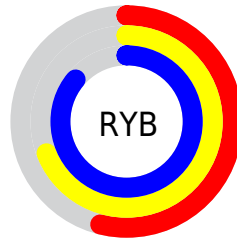
The XYZ color **47.3140, 58.6109, 75.8372** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.6242, 36.5407, 28.7999**, and the grayscale version is **49.9585, 52.5603, 57.2381**.

A 20% lighter version of the original color is **76.0581, 90.2093, 108.0112**, and **22.6663, 29.3156, 39.5858** is the 20% darker color. If you saturate the color by 10%, you get **43.7096, 56.2486, 75.5722**, and if you desaturate by 10%, it is **51.6553, 61.3601, 76.1401**.

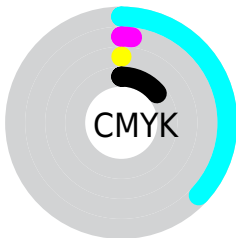
Distribution



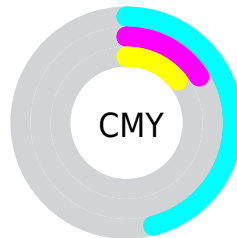
- Red (54%)
- Green (84%)
- Blue (86%)



- Red (54%)
- Yellow (69%)
- Blue (86%)



- Cyan (37%)
- Magenta (2%)
- Yellow (0%)
- Black (14%)



- Cyan (46%)
- Magenta (16%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.3140, 58.6109, 75.8372 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 47.3140, 58.6109, 75.8372 by changing the saturation by 10% instead.

■ 47.3140, 58.6109,
75.8372

■ 47.3140, 58.6109,
75.8372

366.6945,
419.4584, 500.1222

■ 33.4929, 42.3000,
55.7932

■ 85.3980, 102.8119,
129.2547

■ 22.6654, 29.3363,
39.6342

■ 110.3917,
131.4708, 163.4653

■ 14.4660, 19.3353,
26.9419

■ 139.8403,
165.0145, 203.2352

■ 8.5293, 11.9128,
17.2975

174.1092,
203.8274, 248.9828

■ 4.4901, 6.6844,
10.2826

213.5637,
248.2938, 301.1268

■ 1.9830, 3.2655,
5.4787

258.5692,

■ 0.6244, 1.2719,

298.7982, 360.0857

2.4672

309.4910,
355.7249, 426.2780

■ 0.0000, 0.1193,
0.8227

■ 0.0000, 0.0000,
0.0000

■ 47.3140, 58.6109,
75.8372

■ 47.3140, 58.6109,
75.8372

■ 43.7096, 56.2486,
75.5722

■ 51.6553, 61.3601,
76.1401

■ 40.7925, 54.2434,
75.3389

■ 56.7687, 64.5102,
76.4786

■ 38.5158, 52.5725,
75.1364

■ 62.6935, 68.0828,
76.8559

■ 36.8239, 51.2072,
74.9620

■ 69.4648, 72.0961,
77.2736

■ 35.6520, 50.1143,
74.8128

■ 77.1154, 76.5669,
77.7333

■ 34.9154, 49.2498,
74.6848

■ 80.1773, 78.6763,
77.9791

■ 34.7348, 49.0114,
74.6483

■ 80.5379, 79.3975,
78.0993

■ 80.9013, 80.1245,
78.2205

■ 81.2677, 80.8572,
78.3426

Harmonies

Analogous

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



46.6066, 58.6109, 60.9970



47.3140, 58.6109, 75.8372



50.2099, 58.6109, 89.0608

Triad

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



47.3140, 58.6109, 75.8372



63.9380, 58.6109, 81.5376



56.7135, 58.6109, 39.9833

Complementary

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



47.3140, 58.6109, 75.8372



43.6242, 36.5407, 28.7999

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.



61.5932, 58.6109, 43.8607



47.3140, 58.6109, 75.8372



65.9230, 58.6109, 66.7232

Square

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



47.3140, 58.6109, 75.8372



59.7604, 58.6109, 92.6841



65.0401, 58.6109, 53.1397



51.8429, 58.6109, 41.6687

Rectangle

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



47.3140, 58.6109, 75.8372



53.0903, 58.6109, 94.4306



65.0401, 58.6109, 53.1397



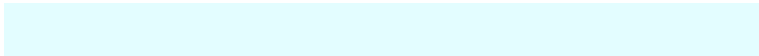
58.4102, 58.6109, 40.6584

Sweetspot

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



47.3157, 58.6132, 75.8386



84.9231, 93.9635, 108.2686



40.7002, 58.0220, 34.6665



17.9316, 19.9641, 23.1583



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.



47.3157, 58.6132, 75.8386



62.9342, 80.2240, 106.7755



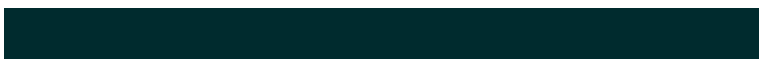
38.4919, 40.9654, 72.8973



13.3725, 14.6847, 16.7818



20.6258, 29.1210, 44.2722



1.3575, 1.9292, 2.8753

Inverse Universe

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



50.4410, 38.0935, 68.3152



67.9877, 47.6270, 94.4793



50.6429, 50.5780, 31.1395



13.5779, 13.2603, 16.3044



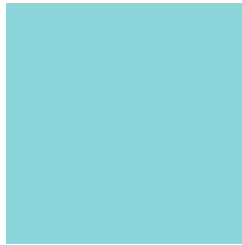
23.9063, 11.5635, 35.4820



1.5595, 0.7534, 2.3553

Previews

White Background



This preview shows how the XYZ color 47.3140, 58.6109, 75.8372 looks on a white background.

Color Contrast Check

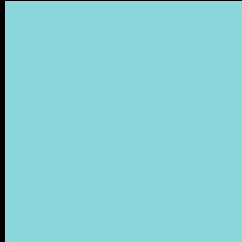
Large Text (above 18pt) WCAG AA × Fail

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 47.3140, 58.6109, 75.8372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

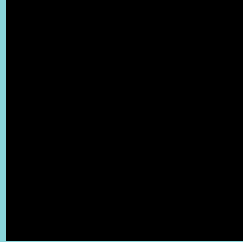
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.3140, 58.6109, 75.8372

Background



This preview shows how black text looks on a background with the XYZ color 47.3140, 58.6109, 75.8372.



This preview shows how white text looks on a background with the XYZ color 47.3140, 58.6109,

75.8372.

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

47.3140, 58.6109, 75.8372

Protanopia

56.1437, 57.9175, 69.1929

Deuteranopia

59.1289, 57.9132, 77.8740



Tritanopia

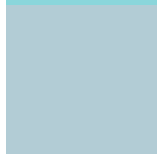
48.6708, 58.4068, 82.8372

Trichromacy



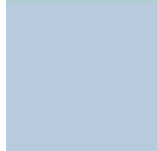
Original Color

47.3140, 58.6109, 75.8372



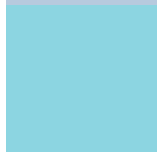
Protanomaly

51.9632, 57.4548, 71.3019



Deuteranomaly

53.8338, 57.5823, 77.3844



Tritanomaly

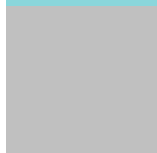
48.2001, 58.6002, 80.0047

Monochromacy



Original Color

47.3140, 58.6109, 75.8372



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

48.3282, 54.3435, 63.8193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3140, 58.6109, 75.8372 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(138, 214, 219)` looks like.

```
.text, #text, p{  
    color:rgb(138, 214, 219)  
}
```

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(138, 214, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 214, 219) }
```

Border

The CSS property to change the border of an element to XYZ 47.3140, 58.6109, 75.8372 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(138, 214, 219) }
```


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

```
.border{ border-color:rgb(138, 214, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 214, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 214, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 214, 219);  
box-shadow:4px 4px 4px 4px rgb(138, 214,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3140, 58.6109, 75.8372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 214, 219) }
```

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

```
.background{ background-color: rgb(138,  
214, 219) }
```

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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