

Converting Colors

XYZ(47.7246, 54.1305, 59.4659)

Have a look what the booklet for
XYZ(47.7246, 54.1305, 59.4659)
contains.

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Color

**XYZ(47.7382, 54.1329,
59.5624)**

Conversions

Conversions Part 1

Format	Color
Hex	ADC8C3
RGB	173, 200, 195
RGB Percent	68%, 78%, 76%
CMY	0.3216, 0.2157, 0.2353
CMYK	0.14, 0.00, 0.03, 0.22
HSL	169°, 20%, 73%
HSV	169°, 14%, 78%
XYZ	47.7382, 54.1329, 59.5624
YIQ	191.3570, -14.4870, -7.2790

Conversions

Conversions Part 2

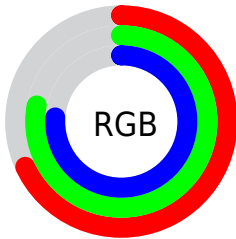
Format	Color
RYB	173, 188, 200
Decimal	11389123
CIELab	78.54, -10.05, -0.57
CIELCh	79, 10.066, 183.248
Yxy	54.1329, 0.2957, 0.3353
Android (android.graphics.Color)	4289579203 (0xFFADC8C3)
YUV	191.3570, 1.7960, -16.0991
Hunter-Lab	73.5751, -12.9390, 3.5046

Details

The XYZ color **47.7382, 54.1329, 59.5624** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.8008, 45.3823, 48.4149**, and the grayscale version is **49.7256, 52.3152, 56.9713**.

A 20% lighter version of the original color is **85.6438, 95.2063, 105.9582**, and **22.8323, 26.4739, 29.1059** is the 20% darker color. If you saturate the color by 10%, you get **43.2290, 51.8576, 57.1923**, and if you desaturate by 10%, it is **52.9230, 56.7582, 62.0207**.

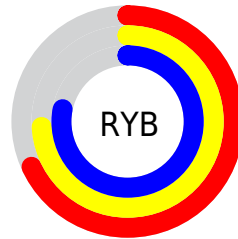
Distribution



Red (68%)

Green (78%)

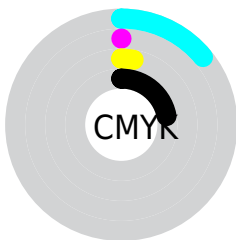
Blue (76%)



Red (68%)

Yellow (74%)

Blue (78%)

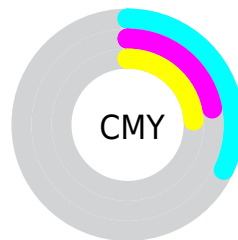


Cyan (14%)

Magenta (0%)

Yellow (3%)

Black (22%)



Cyan (32%)

Magenta (22%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.7382, 54.1329, 59.5624 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 47.7382, 54.1329, 59.5624 by changing the saturation by 10% instead.

■ 47.7382, 54.1329,
59.5624

■ 47.7382, 54.1329,
59.5624

368.3534,
402.6166, 440.7427

■ 33.8300, 38.7079,
42.6430

■ 86.0265, 96.2694,
105.7318

■ 22.9253, 26.5326,
29.2758

111.1374,
123.7496, 135.8188

■ 14.6587, 17.2225,
19.0422

140.7132,
156.0171, 171.1322

■ 8.6650, 10.3933,
11.5236

175.1192,
193.4562, 212.0904

■ 4.5787, 5.6605,
6.3016

214.7209,
236.4513, 259.1121

■ 2.0344, 2.6397,
2.9576

259.8836,

■ 0.6532, 0.9467,

285.3868, 312.6156

1.0730

310.9726,
340.6471, 373.0196

■ 0.0000, 0.0000,
0.0000

■ 47.7382, 54.1329,
59.5624

■ 47.7382, 54.1329,
59.5624

■ 43.2290, 51.8576,
57.1923

■ 52.9230, 56.7582,
62.0207

■ 39.3613, 49.9103,
54.9049

■ 58.8062, 59.7409,
64.5653

■ 36.1051, 48.2771,
52.6997

■ 65.4155, 63.0967,
67.1988

■ 33.4260, 46.9403,
50.5746

■ 72.7754, 66.8382,
69.9229

■ 31.2864, 45.8804,
48.5274

■ 73.9728, 67.4015,
72.4144

■ 29.6438, 45.0756,
46.5558

■ 74.4502, 67.5925,
74.9284

■ 28.4498, 44.5008,
44.6571

■ 74.9384, 67.7878,
77.4994

■ 27.6453, 44.1257,
42.8281

■ 75.4376, 67.9874,
80.1278

■ 27.2616, 43.9530,
41.6734

■ 75.9477, 68.1915,
82.8140

Harmonies

Analogous

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



48.1216, 54.1329, 54.1618



47.7382, 54.1329, 59.5624



48.3285, 54.1329, 65.1332

Triad

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



47.7382, 54.1329, 59.5624



53.5705, 54.1329, 68.5532



53.1871, 54.1329, 49.7187

Complementary

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



47.7382, 54.1329, 59.5624



46.8008, 45.3823, 48.4149

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.



54.7066, 54.1329, 53.1552



47.7382, 54.1329, 59.5624



54.9320, 54.1329, 63.9945

Square

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



47.7382, 54.1329, 59.5624



51.6680, 54.1329, 70.5293



55.3529, 54.1329, 58.3250



51.2360, 54.1329, 48.6980

Rectangle

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



47.7382, 54.1329, 59.5624



49.2039, 54.1329, 68.1305



55.3529, 54.1329, 58.3250



53.7669, 54.1329, 50.6183

Sweetspot

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



47.7397, 54.1352, 59.5636



91.0936, 97.9954, 107.1345



46.6508, 53.8404, 47.4696



19.3433, 20.8968, 22.8607



0.0000, 0.0000, 0.0000



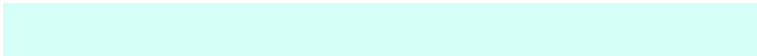
20.3446, 21.4041, 23.3091

Same Dimension

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



47.7397, 54.1352, 59.5636



80.4066, 92.5889, 101.9864



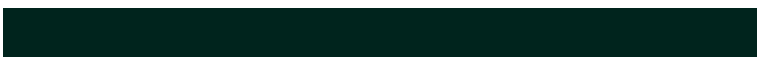
46.4883, 50.7117, 61.9843



10.8592, 12.0325, 13.2085



17.3639, 27.9579, 26.6584



0.8447, 1.3328, 1.3807

Inverse Universe

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



46.8008, 45.3823, 48.4149



78.4898, 74.7155, 79.2227



47.9083, 48.3866, 46.3506



10.7128, 10.6685, 11.4709



15.3826, 7.9026, 1.9588



0.7534, 0.3842, 0.2244

Previews

White Background



This preview shows how the XYZ color 47.7382, 54.1329, 59.5624 looks on a white background.

Color Contrast Check

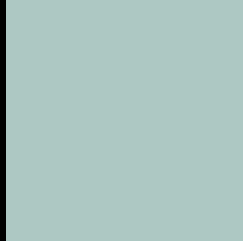
Large Text (above 18pt) WCAG AA × Fail

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 47.7382, 54.1329, 59.5624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

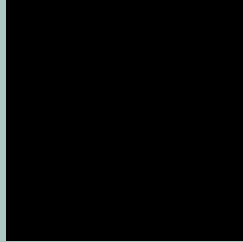
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

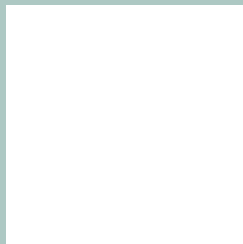
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.7382, 54.1329, 59.5624

Background



This preview shows how black text looks on a background with the XYZ color 47.7382, 54.1329, 59.5624.



This preview shows how white text looks on a background with the XYZ color 47.7382, 54.1329,

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

47.7382, 54.1329, 59.5624

Protanopia

51.7626, 53.9073, 56.9672

Deuteranopia

54.9252, 53.8465, 60.3219



Tritanopia

49.8810, 53.9667, 70.7384

Trichromacy



Original Color

47.7382, 54.1329, 59.5624

Protanomaly

50.2406, 54.1044, 57.6644

Deuteranomaly

51.8394, 53.5551, 59.8295

Tritanomaly

49.0139, 53.9584, 66.2242

Monochromacy



Original Color

47.7382, 54.1329, 59.5624

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

48.5734, 52.5797, 57.4580

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.7382, 54.1329, 59.5624 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(173, 200, 195)` looks like.

```
.text, #text, p{  
    color:rgb(173, 200, 195)  
}
```

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(173, 200, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 200, 195) }
```

Border

The CSS property to change the border of an element to XYZ 47.7382, 54.1329, 59.5624 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(173, 200, 195) }
```


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

```
.border{ border-color:rgb(173, 200, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 200, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 200, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 200, 195);  
box-shadow:4px 4px 4px 4px rgb(173, 200,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 47.7382, 54.1329, 59.5624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 200, 195) }
```

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

```
.background{ background-color: rgb(173,  
200, 195) }
```

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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