

Converting Colors

XYZ(48.6524, 63.9521, 59.6489)

Have a look what the booklet for
XYZ(48.6524, 63.9521, 59.6489)
contains.

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Color

**XYZ(48.6524, 63.9521,
59.6489)**

Conversions

Conversions Part 1

Format	Color
Hex	94E1C0
RGB	148, 225, 192
RGB Percent	58%, 88%, 75%
CMY	0.4196, 0.1176, 0.2471
CMYK	0.34, 0.00, 0.15, 0.12
HSL	154°, 56%, 73%
HSV	154°, 34%, 88%
XYZ	48.6524, 63.9521, 59.6489
YIQ	198.2150, -35.2990, -26.5870

Conversions

Conversions Part 2

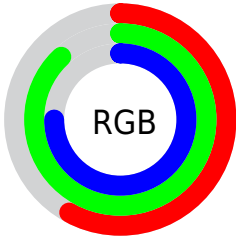
Format	Color
RYB	148, 197, 225
Decimal	9757120
CIELab	83.94, -30.81, 8.66
CIELCh	84, 32.006, 164.295
Yxy	63.9521, 0.2824, 0.3713
Android (android.graphics.Color)	4287947200 (0xFF94E1C0)
YUV	198.2150, -3.0640, -44.0386
Hunter-Lab	79.9701, -31.3513, 11.7552

Details

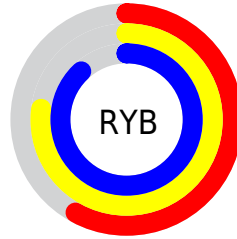
The XYZ color **48.6524, 63.9521, 59.6489** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **49.9839, 40.5252, 48.9064**, and the grayscale version is **53.8421, 56.6461, 61.6876**.

A 20% lighter version of the original color is **77.6051, 91.1347, 102.3075**, and **23.4643, 32.6197, 29.4856** is the 20% darker color. If you saturate the color by 10%, you get **43.9379, 61.6428, 54.0328**, and if you desaturate by 10%, it is **54.2316, 66.7024, 65.6737**.

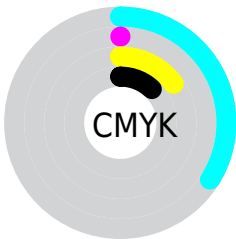
Distribution



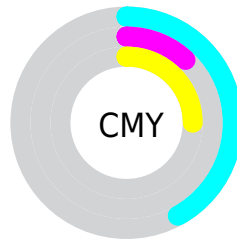
- Red (58%)
- Green (88%)
- Blue (75%)



- Red (58%)
- Yellow (77%)
- Blue (88%)



- Cyan (34%)
- Magenta (0%)
- Yellow (15%)
- Black (12%)




- Cyan (42%)
- Magenta (12%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.6524, 63.9521, 59.6489 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 48.6524, 63.9521, 59.6489 by changing the saturation by 10% instead.


 48.6524, 63.9521,
59.6489


 48.6524, 63.9521,
59.6489


371.9120,
439.0166, 441.0711

 34.5572, 46.6119,
42.7123


 87.3788, 110.5419,
105.8586

 23.4869, 32.7289,
29.3297

 112.7407,
140.5604, 135.9687

 15.0761, 21.9189,
19.0826

142.5890,
175.5736, 171.3070

 8.9595, 13.7973,
11.5526

177.2888,
215.9662, 212.2921

 4.7717, 7.9798,
6.3210

217.2057,
262.1223, 259.3425

 2.1473, 4.0820,
2.9693

262.7050,

 0.7147, 1.7196,

314.4265, 312.8768

1.0790

314.1519,
373.2632, 373.3135

■ 0.0000, 0.4363,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 48.6524, 63.9521,
59.6489

■ 48.6524, 63.9521,
59.6489

■ 43.9379, 61.6428,
54.0328

■ 54.2316, 66.7024,
65.6737

■ 40.0353, 59.7425,
48.8119

■ 60.7136, 69.9083,
72.1117

■ 36.8943, 58.2270,
43.9782

■ 68.1410, 73.5930,
78.9728

■ 34.4565, 57.0664,
39.5214

■ 76.5516, 77.7762,
86.2652

■ 32.6542, 56.2259,
35.4308

■ 83.9272, 81.4171,
93.9007

■ 31.4052, 55.6635,
31.6946

■ 85.4002, 82.0063,
101.6576

■ 30.8602, 55.4263,
29.6908

■ 86.2164, 82.3327,
105.9555

Harmonies

Analogous

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



51.8053, 63.9521, 45.3888



48.6524, 63.9521, 59.6489



48.5780, 63.9521, 79.6597

Triad

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



48.6524, 63.9521, 59.6489



64.1916, 63.9521, 114.4078



71.0069, 63.9521, 45.8985

Complementary

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



48.6524, 63.9521, 59.6489



49.9839, 40.5252, 48.9064

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.



74.8816, 63.9521, 60.4850



48.6524, 63.9521, 59.6489



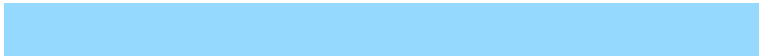
70.7456, 63.9521, 101.2619

Square

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



48.6524, 63.9521, 59.6489



57.1904, 63.9521, 114.0639



74.7825, 63.9521, 80.6732



64.5263, 63.9521, 38.5605

Rectangle

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



48.6524, 63.9521, 59.6489



50.2644, 63.9521, 93.8641



74.7825, 63.9521, 80.6732



72.6788, 63.9521, 49.9782

Sweetspot

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



48.6542, 63.9547, 59.6503



84.5728, 94.7963, 99.4844



51.4148, 65.8595, 38.0203



17.8093, 20.1452, 21.0204



0.0000, 0.0000, 0.0000



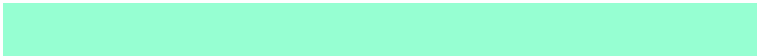
20.3446, 21.4041, 23.3091

Same Dimension

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



48.6542, 63.9547, 59.6503



60.0773, 82.7095, 73.8954



51.3637, 62.8512, 80.6616



13.8553, 15.4679, 16.2734



17.8420, 31.9616, 17.4227



1.2813, 2.2332, 1.4425

Inverse Universe

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



49.9839, 40.5252, 48.9064



62.0980, 47.1685, 57.6152



47.8116, 40.9734, 33.4067



13.9499, 13.7976, 15.5061



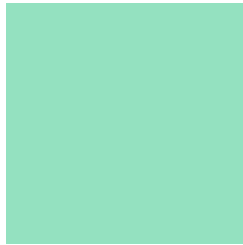
19.1773, 9.7379, 7.5995



1.3734, 0.6927, 0.7594

Previews

White Background



This preview shows how the XYZ color 48.6524, 63.9521, 59.6489 looks on a white background.

Color Contrast Check

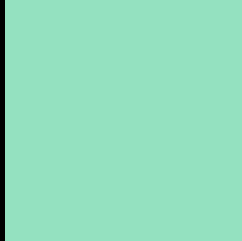
Large Text (above 18pt) WCAG AA × Fail

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 48.6524, 63.9521, 59.6489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

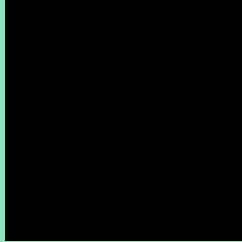
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.6524, 63.9521, 59.6489

Background



This preview shows how black text looks on a background with the XYZ color 48.6524, 63.9521, 59.6489.

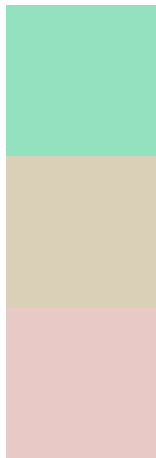


This preview shows how white text looks on a background with the XYZ color 48.6524, 63.9521, 59.6489.

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

48.6524, 63.9521, 59.6489

Protanopia

60.0166, 63.4361, 53.8809

Deuteranopia

64.5690, 63.1281, 61.6051



Tritanopia

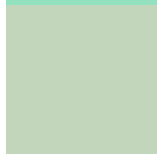
54.5724, 63.9883, 88.8316

Trichromacy



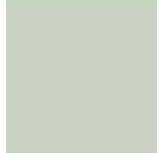
Original Color

48.6524, 63.9521, 59.6489



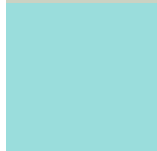
Protanomaly

54.9018, 62.9758, 55.7163



Deuteranomaly

57.2540, 62.5899, 60.6932



Tritanomaly

52.1011, 63.7502, 77.2692

Monochromacy



Original Color

48.6524, 63.9521, 59.6489



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

51.3421, 58.8006, 60.8682

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.6524, 63.9521, 59.6489 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(148, 225, 192)` looks like.

```
.text, #text, p{  
    color:rgb(148, 225, 192)  
}
```

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(148, 225, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 225, 192) }
```

Border

The CSS property to change the border of an element to XYZ 48.6524, 63.9521, 59.6489 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(148, 225, 192) }
```


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

```
.border{ border-color:rgb(148, 225, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 225, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 225, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 225, 192);  
box-shadow:4px 4px 4px 4px rgb(148, 225,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 48.6524, 63.9521, 59.6489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 225, 192) }
```

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

```
.background{ background-color: rgb(148,  
225, 192) }
```

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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