

Converting Colors

XYZ(44.2979, 50.9038, 59.6040)

Have a look what the booklet for
XYZ(44.2979, 50.9038, 59.6040)
contains.

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Color

**XYZ(44.4017, 51.0424,
59.7365)**

Conversions

Conversions Part 1

Format	Color
Hex	A1C4C4
RGB	161, 196, 196
RGB Percent	63%, 77%, 77%
CMY	0.3686, 0.2314, 0.2314
CMYK	0.18, 0.00, 0.00, 0.23
HSL	180°, 23%, 70%
HSV	180°, 18%, 77%
XYZ	44.4017, 51.0424, 59.7365
YIQ	185.5350, -20.8600, -7.4200

Conversions

Conversions Part 2

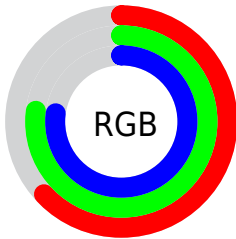
Format	Color
RYB	161, 179, 196
Decimal	10601668
CIELab	76.70, -11.63, -3.89
CIELCh	77, 12.260, 198.511
Yxy	51.0424, 0.2861, 0.3289
Android (android.graphics.Color)	4288791748 (0xFFA1C4C4)
YUV	185.5350, 5.1592, -21.5172
Hunter-Lab	71.4440, -14.0910, 0.4366

Details

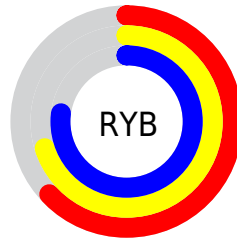
The XYZ color **44.4017, 51.0424, 59.7365** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.9447, 39.8002, 39.1919**, and the grayscale version is **46.3938, 48.8099, 53.1539**.

A 20% lighter version of the original color is **81.1738, 91.9413, 106.3966**, and **20.8622, 24.5502, 29.2303** is the 20% darker color. If you saturate the color by 10%, you get **40.7576, 49.1652, 59.5662**, and if you desaturate by 10%, it is **48.6679, 53.2431, 59.9381**.

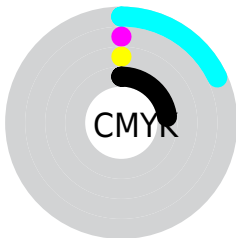
Distribution



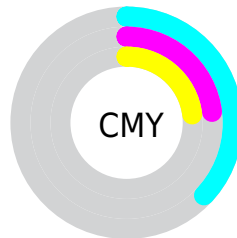
- Red (63%)
- Green (77%)
- Blue (77%)



- Red (63%)
- Yellow (70%)
- Blue (77%)



- Cyan (18%)
- Magenta (0%)
- Yellow (0%)
- Black (23%)



- Cyan (37%)
- Magenta (23%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4017, 51.0424, 59.7365 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 44.4017, 51.0424, 59.7365 by changing the saturation by 10% instead.

■ 44.4017, 51.0424,
59.7365

■ 44.4017, 51.0424,
59.7365

355.1696,
390.7285, 441.4035

■ 31.1857, 36.2424,
42.7824

■ 81.0645, 91.7174,
105.9870

■ 20.8928, 24.6214,
29.3843

■ 105.2420,
118.3612, 136.1204

■ 13.1577, 15.7952,
19.1236

133.8040,
149.7217, 171.4840

■ 7.6150, 9.3794,
11.5819

167.1159,
186.1833, 212.4963

■ 3.8993, 4.9894,
6.3406

205.5431,
228.1304, 259.5758

■ 1.6453, 2.2411,
2.9812

249.4508,

■ 0.4217, 0.7423,

275.9473, 313.1412

1.0850

299.2045,
330.0186, 373.6109

■ 0.0000, 0.0000,
0.0000

■ 44.4017, 51.0424,
59.7365

■ 44.4017, 51.0424,
59.7365

■ 40.7576, 49.1652,
59.5662

■ 48.6679, 53.2431,
59.9381

■ 37.7024, 47.5902,
59.4224

■ 53.5788, 55.7747,
60.1687

■ 35.2066, 46.3036,
59.3047

■ 59.1610, 58.6524,
60.4308

■ 33.2363, 45.2878,
59.2117

■ 65.4385, 61.8886,
60.7254

■ 31.7539, 44.5236,
59.1415

■ 70.9456, 64.7275,
60.9840

■ 30.7169, 43.9891,
59.0921

■ 70.9457, 64.7276,
60.9848

■ 30.0756, 43.6585,
59.0613

■ 70.9459, 64.7276,
60.9857

■ 29.7560, 43.4938,
59.0455

■ 70.9460, 64.7277,
60.9865

■ 29.7034, 43.4667,
59.0428

■ 70.9462, 64.7278,
60.9874

Harmonies

Analogous

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



44.2684, 51.0424, 53.0678



44.4017, 51.0424, 59.7365



45.6156, 51.0424, 65.7176

Triad

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



44.4017, 51.0424, 59.7365



51.9368, 51.0424, 64.4869



49.4092, 51.0424, 43.9621

Complementary

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



44.4017, 51.0424, 59.7365



41.9447, 39.8002, 39.1919

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.



51.5332, 51.0424, 46.5363



44.4017, 51.0424, 59.7365



53.0233, 51.0424, 58.1630

Square

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



44.4017, 51.0424, 59.7365



49.9459, 51.0424, 68.6075



52.8733, 51.0424, 51.6143



47.1103, 51.0424, 44.3097

Rectangle

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



44.4017, 51.0424, 59.7365



46.8967, 51.0424, 68.3462



52.8733, 51.0424, 51.6143



50.1686, 51.0424, 44.5055

Sweetspot

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



44.4032, 51.0445, 59.7376



90.5137, 97.6615, 108.6869



40.9903, 49.6930, 41.1506



19.2425, 20.8359, 23.2573



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.



44.4032, 51.0445, 59.7376



78.0179, 91.2197, 108.0997



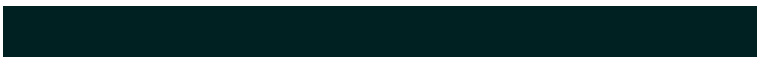
40.8001, 43.8379, 58.5380



10.3686, 11.4285, 12.9441



19.0850, 27.9280, 37.9361



0.8246, 1.2067, 1.6392

Inverse Universe

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



41.9447, 39.8002, 39.1919



72.8278, 67.4818, 64.7255



45.1036, 46.1184, 40.2438



10.0733, 10.0779, 10.4763



14.6276, 7.5408, 0.6849



0.6320, 0.3258, 0.0296

Previews

White Background



This preview shows how the XYZ color 44.4017, 51.0424, 59.7365 looks on a white background.

Color Contrast Check

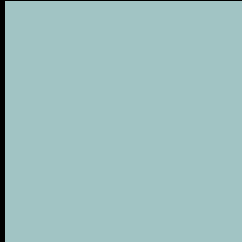
Large Text (above 18pt) WCAG AA × Fail

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 44.4017, 51.0424, 59.7365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

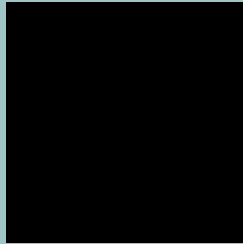
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

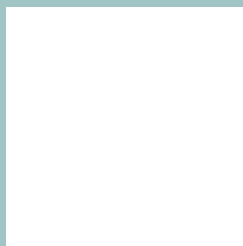
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.4017, 51.0424, 59.7365

Background



This preview shows how black text looks on a background with the XYZ color 44.4017, 51.0424, 59.7365.



This preview shows how white text looks on a background with the XYZ color 44.4017, 51.0424,

59.7365.

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

44.4017, 51.0424, 59.7365

Protanopia

48.8730, 50.8044, 56.5206

Deuteranopia

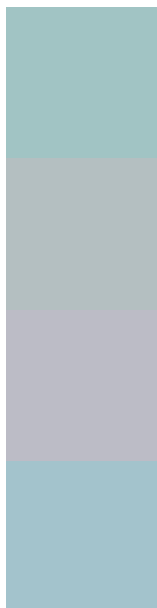
51.8709, 50.6870, 61.0825



Tritanopia

46.1103, 51.0795, 67.7507

Trichromacy



Original Color

44.4017, 51.0424, 59.7365

Protanomaly

47.0788, 50.8152, 57.7791

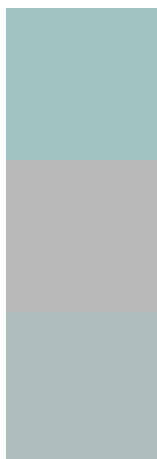
Deuteranomaly

48.9153, 50.7350, 60.6408

Tritanomaly

45.5184, 51.1764, 64.6057

Monochromacy



Original Color

44.4017, 51.0424, 59.7365

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

45.8392, 49.8917, 55.9293

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4017, 51.0424, 59.7365 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(161, 196, 196)` looks like.

```
.text, #text, p{  
    color:rgb(161, 196, 196)  
}
```

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(161, 196, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 196, 196) }
```

Border

The CSS property to change the border of an element to XYZ 44.4017, 51.0424, 59.7365 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(161, 196, 196) }
```


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

```
.border{ border-color:rgb(161, 196, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 196, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 196, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 196, 196); box-shadow:4px 4px 4px 4px rgb(161, 196, 196) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4017, 51.0424, 59.7365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 196, 196) }
```

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

```
.background{ background-color: rgb(161,  
196, 196) }
```

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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