

Converting Colors

XYZ(44.1369, 50.4769, 61.4549)

Have a look what the booklet for
XYZ(44.1369, 50.4769, 61.4549)
contains.

XYZ(44.1220, 50.5247, 61.4596)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(44.1220, 50.5247,
61.4596)**

Conversions

Conversions Part 1

Format	Color
Hex	9FC3C7
RGB	159, 195, 199
RGB Percent	62%, 76%, 78%
CMY	0.3765, 0.2353, 0.2196
CMYK	0.20, 0.02, 0.00, 0.22
HSL	186°, 26%, 70%
HSV	186°, 20%, 78%
XYZ	44.1220, 50.5247, 61.4596
YIQ	184.6920, -22.7400, -6.3880

Conversions

Conversions Part 2

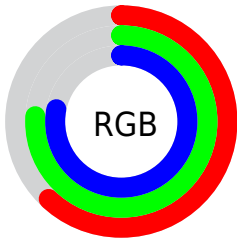
Format	Color
RYB	159, 178, 199
Decimal	10470343
CIELab	76.39, -11.09, -5.99
CIELCh	76, 12.603, 208.397
Yxy	50.5247, 0.2826, 0.3237
Android (android.graphics.Color)	4288660423 (0xFF9FC3C7)
YUV	184.6920, 7.0538, -22.5319
Hunter-Lab	71.0807, -13.5908, -1.5083

Details

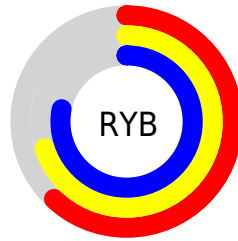
The XYZ color **44.1220, 50.5247, 61.4596** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.9088, 40.8397, 38.4232**, and the grayscale version is **45.9153, 48.3065, 52.6058**.

A 20% lighter version of the original color is **80.5920, 91.1369, 107.9513**, and **20.6991, 24.2199, 30.3720** is the 20% darker color. If you saturate the color by 10%, you get **40.0468, 47.7681, 61.1431**, and if you desaturate by 10%, it is **48.8414, 53.6249, 61.8101**.

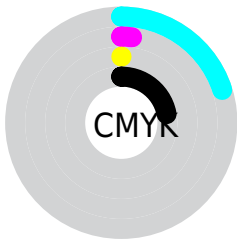
Distribution



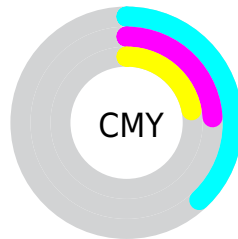
- Red (62%)
- Green (76%)
- Blue (78%)



- Red (62%)
- Yellow (70%)
- Blue (78%)



- Cyan (20%)
- Magenta (2%)
- Yellow (0%)
- Black (22%)



- Cyan (38%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.1220, 50.5247, 61.4596 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 44.1220, 50.5247, 61.4596 by changing the saturation by 10% instead.

■ 44.1220, 50.5247,
61.4596

■ 44.1220, 50.5247,
61.4596

354.0497,
388.7143, 447.9103

■ 30.9648, 35.8305,
44.1632

■ 80.6465, 90.9518,
108.5081

■ 20.7237, 24.3033,
30.4607

■ 104.7445,
117.4535, 139.0974

■ 13.0335, 15.5588,
19.9335

133.2201,
148.6598, 174.9546

■ 7.5288, 9.2125,
12.1631

166.4386,
184.9551, 216.4984

■ 3.8442, 4.8800,
6.7310

204.7655,
226.7238, 264.1474

■ 1.6144, 2.1770,
3.2186

248.5661,

■ 0.4017, 0.7074,

274.3503, 318.3200

1.2073

298.2057,
328.2190, 379.4348

■ 0.0000, 0.0000,
0.0000

■ 44.1220, 50.5247,
61.4596

■ 44.1220, 50.5247,
61.4596

■ 40.0468, 47.7681,
61.1431

■ 48.8414, 53.6249,
61.8101

■ 36.5811, 45.3331,
60.8558

■ 54.2289, 57.0770,
62.1924

■ 33.6933, 43.2048,
60.5972

■ 60.3126, 60.8969,
62.6091

■ 31.3477, 41.3647,
60.3656

■ 67.1178, 65.0977,
63.0613

■ 29.5041, 39.7921,
60.1593

■ 73.3677, 69.0211,
63.4892

■ 28.1169, 38.4634,
59.9759

■ 73.8463, 69.9784,
63.6487

■ 27.1322, 37.3508,
59.8131

■ 74.3310, 70.9477,
63.8103

■ 26.4520, 36.4097,
59.6673

■ 74.8218, 71.9292,
63.9738

■ 75.3187, 72.9230,
64.1395

Harmonies

Analogous

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



43.6072, 50.5247, 54.6484



44.1220, 50.5247, 61.4596



45.6723, 50.5247, 66.9006

Triad

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



44.1220, 50.5247, 61.4596



52.0111, 50.5247, 62.1432



48.1498, 50.5247, 42.9650

Complementary

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



44.1220, 50.5247, 61.4596



42.9088, 40.8397, 38.4232

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.



50.4513, 50.5247, 44.6239



44.1220, 50.5247, 61.4596



52.7256, 50.5247, 55.3788

Square

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



44.1220, 50.5247, 61.4596



50.2234, 50.5247, 67.3176



52.1457, 50.5247, 49.0334



45.8863, 50.5247, 44.3070

Rectangle

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



44.1220, 50.5247, 61.4596



47.1110, 50.5247, 68.8210



52.1457, 50.5247, 49.0334



48.9451, 50.5247, 43.1874

Sweetspot

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



44.1235, 50.5268, 61.4607



89.1576, 96.2411, 108.4850



41.2737, 50.8392, 41.9765



18.9518, 20.5150, 23.2109



0.0000, 0.0000, 0.0000



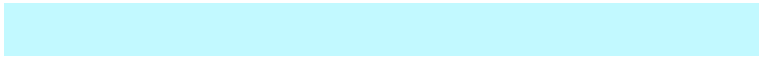
20.3446, 21.4041, 23.3091

Same Dimension

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



44.1235, 50.5268, 61.4607



74.0867, 86.3426, 107.3687



40.0679, 42.4155, 60.1089



10.8527, 11.8794, 13.6384



17.0455, 23.4850, 38.3790



0.8340, 1.1657, 1.8262

Inverse Universe

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



45.8028, 40.8796, 57.1087



77.5681, 66.5869, 98.2920



46.6084, 48.2389, 39.6564



11.0357, 10.7976, 13.1710



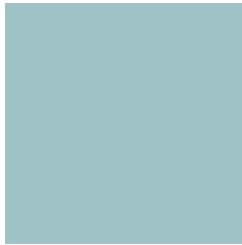
20.4031, 9.9108, 28.3965



0.9796, 0.4747, 1.4159

Previews

White Background



This preview shows how the XYZ color 44.1220, 50.5247, 61.4596 looks on a white background.

Color Contrast Check

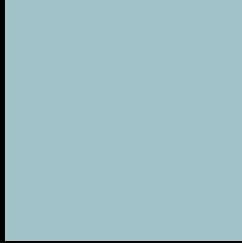
Large Text (above 18pt) WCAG AA × Fail

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 44.1220, 50.5247, 61.4596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

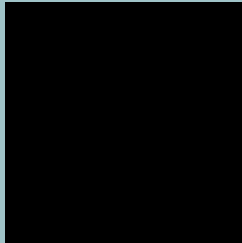
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

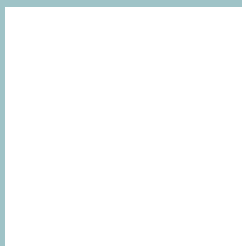
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.1220, 50.5247, 61.4596

Background



This preview shows how black text looks on a background with the XYZ color 44.1220, 50.5247, 61.4596.



This preview shows how white text looks on a background with the XYZ color 44.1220, 50.5247,

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

44.1220, 50.5247, 61.4596

Protanopia

48.4942, 50.2545, 58.1831

Deuteranopia

51.4136, 50.4106, 62.8975



Tritanopia

45.2765, 50.3204, 67.6481

Trichromacy



Original Color

44.1220, 50.5247, 61.4596

Protanomaly

46.7374, 50.2774, 59.4657

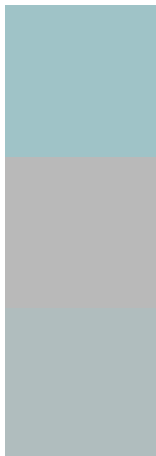
Deuteranomaly

48.3205, 50.0720, 62.3764

Tritanomaly

44.8084, 50.4649, 65.1367

Monochromacy



Original Color

44.1220, 50.5247, 61.4596

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.3964, 49.3430, 55.8467

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1220, 50.5247, 61.4596 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(159, 195, 199)` looks like.

```
.text, #text, p{  
    color:rgb(159, 195, 199)  
}
```

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(159, 195, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 195, 199) }
```

Border

The CSS property to change the border of an element to XYZ 44.1220, 50.5247, 61.4596 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(159, 195, 199) }
```


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

```
.border{ border-color:rgb(159, 195, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 195, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 195, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 195, 199);  
box-shadow:4px 4px 4px 4px rgb(159, 195,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1220, 50.5247, 61.4596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 195, 199) }
```

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

```
.background{ background-color: rgb(159,  
195, 199) }
```

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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