

Converting Colors

XYZ(41.1805, 48.8099, 65.8304)

Have a look what the booklet for
XYZ(41.1805, 48.8099, 65.8304)
contains.

XYZ(41.1369, 48.8897, 65.6610)	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(41.1369, 48.8897,
65.6610)**

Conversions

Conversions Part 1

Format	Color
Hex	8AC3CE
RGB	138, 195, 206
RGB Percent	54%, 76%, 81%
CMY	0.4588, 0.2353, 0.1922
CMYK	0.33, 0.05, 0.00, 0.19
HSL	190°, 41%, 67%
HSV	190°, 33%, 81%
XYZ	41.1369, 48.8897, 65.6610
YIQ	179.2110, -37.5030, -8.6630

Conversions

Conversions Part 2

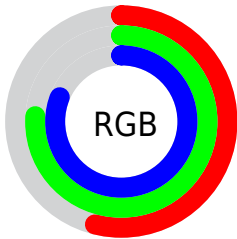
Format	Color
RYB	138, 169, 206
Decimal	9094094
CIELab	75.38, -15.68, -11.41
CIElCh	75, 19.394, 216.055
Yxy	48.8897, 0.2642, 0.3140
Android (android.graphics.Color)	4287284174 (0xFF8AC3CE)
YUV	179.2110, 13.2070, -36.1420
Hunter-Lab	69.9212, -17.3447, -6.7327

Details

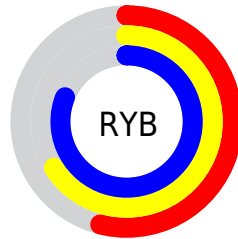
The XYZ color **41.1369, 48.8897, 65.6610** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.7892, 36.4522, 28.9320**, and the grayscale version is **42.9075, 45.1420, 49.1597**.

A 20% lighter version of the original color is **74.8527, 88.1783, 107.6827**, and **18.9387, 23.2480, 33.1949** is the 20% darker color. If you saturate the color by 10%, you get **37.3088, 45.8215, 65.2714**, and if you desaturate by 10%, it is **45.6310, 52.3284, 66.0887**.

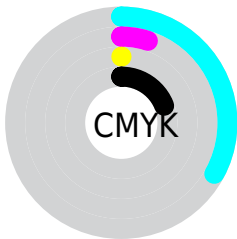
Distribution



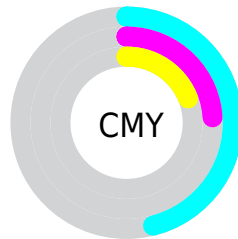
- Red (54%)
- Green (76%)
- Blue (81%)



- Red (54%)
- Yellow (66%)
- Blue (81%)



- Cyan (33%)
- Magenta (5%)
- Yellow (0%)
- Black (19%)



- Cyan (46%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1369, 48.8897, 65.6610 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 41.1369, 48.8897, 65.6610 by changing the saturation by 10% instead.

■ 41.1369, 48.8897,
65.6610

■ 41.1369, 48.8897,
65.6610

341.9453,
382.3079, 463.5346

■ 28.6142, 34.5320,
47.5425

■ 76.1651, 88.5276,
114.6220

■ 18.9320, 23.3026,
33.1073

■ 99.4013, 114.5766,
146.3016

■ 11.7249, 14.8171,
21.9369

■ 126.9393,
145.2915, 183.3386

■ 6.6275, 8.6911,
13.6127

159.1446,
181.0566, 226.1517

■ 3.2745, 4.5403,
7.7161

196.3825,
222.2565, 275.1593

■ 1.3005, 1.9801,
3.8287

239.0183,

■ 0.1836, 0.5959,

269.2754, 330.7799

1.5318

287.4175,
322.4977, 393.4322

■ 0.0000, 0.0000,
0.2415

■ 0.0000, 0.0000,
0.0000

■ 41.1369, 48.8897,
65.6610

■ 41.1369, 48.8897,
65.6610

■ 37.3088, 45.8215,
65.2714

■ 45.6310, 52.3284,
66.0887

■ 34.1055, 43.0988,
64.9147

■ 50.8207, 56.1492,
66.5527

■ 31.4880, 40.7025,
64.5901

■ 56.7387, 60.3707,
67.0556

■ 29.4113, 38.6092,
64.2955

■ 63.4148, 65.0081,
67.5988

■ 27.8230, 36.7918,
64.0284

■ 70.8768, 70.0760,
68.1837

■ 26.6606, 35.2179,
63.7859

■ 76.6797, 74.3142,
68.6959

■ 26.0237, 34.2223,
63.6273

■ 77.5367, 76.0283,
68.9816

■ 78.4112, 77.7772,
69.2731

■ 79.3031, 79.5610,
69.5704

Harmonies

Analogous

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



39.9712, 48.8897, 55.3332



41.1369, 48.8897, 65.6610



43.7376, 48.8897, 73.2958

Triad

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



41.1369, 48.8897, 65.6610



53.0280, 48.8897, 61.6163



45.7479, 48.8897, 35.9794

Complementary

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



41.1369, 48.8897, 65.6610



40.7892, 36.4522, 28.9320

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.



49.3101, 48.8897, 37.2118



41.1369, 48.8897, 65.6610



53.6336, 48.8897, 51.1858

Square

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



41.1369, 48.8897, 65.6610



50.6263, 48.8897, 70.7593



52.2413, 48.8897, 42.4806



42.5442, 48.8897, 38.8690

Rectangle

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



41.1369, 48.8897, 65.6610



45.9975, 48.8897, 75.3510



52.2413, 48.8897, 42.4806



46.9421, 48.8897, 35.9308

Sweetspot

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



41.1384, 48.8916, 65.6621



84.9813, 92.8771, 108.0558



37.9147, 51.6913, 36.0803



17.9079, 19.6769, 23.1041



0.0000, 0.0000, 0.0000



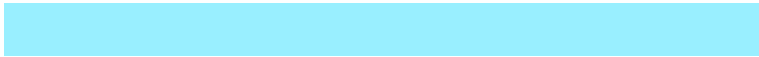
20.3446, 21.4041, 23.3091

Same Dimension

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



41.1384, 48.8916, 65.6621



61.9081, 75.4347, 105.9052



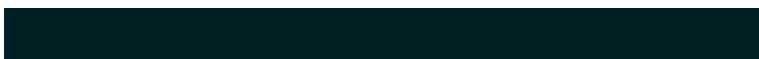
34.5080, 35.6309, 63.4520



11.3828, 12.4060, 14.3650



16.0843, 21.1926, 39.1991



0.8721, 1.1780, 2.0364

Inverse Universe

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



44.3936, 35.2401, 56.0941



68.1379, 50.2451, 87.3840



46.8109, 48.4957, 30.9393



11.6066, 11.3714, 13.7288



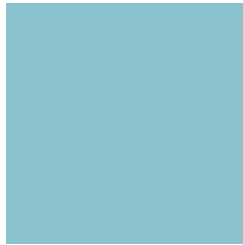
20.3295, 9.9424, 25.2517



1.0702, 0.5215, 1.4153

Previews

White Background



This preview shows how the XYZ color 41.1369, 48.8897, 65.6610 looks on a white background.

Color Contrast Check

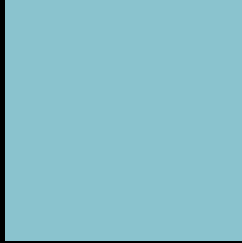
Large Text (above 18pt) WCAG AA × Fail

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 41.1369, 48.8897, 65.6610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

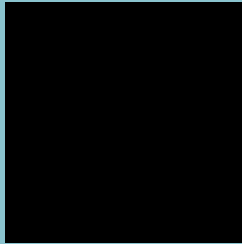
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.1369, 48.8897, 65.6610

Background



This preview shows how black text looks on a background with the XYZ color 41.1369, 48.8897, 65.6610.



This preview shows how white text looks on a background with the XYZ color 41.1369, 48.8897,

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

41.1369, 48.8897, 65.6610

Protanopia

47.2165, 48.5948, 60.9240

Deuteranopia

49.5681, 48.4524, 67.0613



Tritanopia

41.5721, 48.7257, 68.1867

Trichromacy



Original Color

41.1369, 48.8897, 65.6610

Protanomaly

44.5802, 48.4462, 62.8785

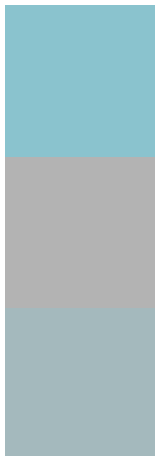
Deuteranomaly

45.7474, 48.0226, 66.5327

Tritanomaly

41.4479, 48.6760, 67.5325

Monochromacy



Original Color

41.1369, 48.8897, 65.6610

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

41.8441, 46.2646, 54.8686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1369, 48.8897, 65.6610 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, 195, 206)` looks like.

```
.text, #text, p{  
    color:rgb(138, 195, 206)  
}
```

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, 195, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 195, 206) }
```

Border

The CSS property to change the border of an element to XYZ 41.1369, 48.8897, 65.6610 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, 195, 206) }
```


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

```
.border{ border-color:rgb(138, 195, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 195, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 195, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 195, 206); box-shadow:4px 4px 4px 4px rgb(138, 195, 206) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1369, 48.8897, 65.6610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 195, 206) }
```

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

```
.background{ background-color: rgb(138,  
195, 206) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor