

Converting Colors

XYZ(43.6720, 50.1894, 61.3577)

Have a look what the booklet for
XYZ(43.6720, 50.1894, 61.3577)
contains.

XYZ(43.7285, 50.3218, 61.4412)	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(43.7285, 50.3218,
61.4412)**

Conversions

Conversions Part 1

Format	Color
Hex	9DC3C7
RGB	157, 195, 199
RGB Percent	62%, 76%, 78%
CMY	0.3843, 0.2353, 0.2196
CMYK	0.21, 0.02, 0.00, 0.22
HSL	186°, 27%, 70%
HSV	186°, 21%, 78%
XYZ	43.7285, 50.3218, 61.4412
YIQ	184.0940, -23.9320, -6.8120

Conversions

Conversions Part 2

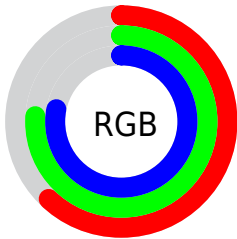
Format	Color
RYB	157, 177, 199
Decimal	10339271
CIELab	76.27, -11.71, -6.19
CIELCh	76, 13.244, 207.870
Yxy	50.3218, 0.2812, 0.3236
Android (android.graphics.Color)	4288529351 (0xFF9DC3C7)
YUV	184.0940, 7.3487, -23.7614
Hunter-Lab	70.9379, -14.1078, -1.6962

Details

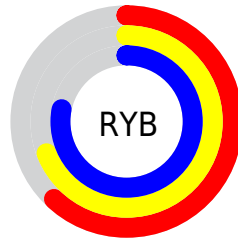
The XYZ color **43.7285, 50.3218, 61.4412** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.3843, 40.0663, 37.3989**, and the grayscale version is **45.5832, 47.9570, 52.2252**.

A 20% lighter version of the original color is **80.0118, 90.8379, 107.9241**, and **20.4614, 24.0973, 30.3609** is the 20% darker color. If you saturate the color by 10%, you get **39.7365, 47.6391, 61.1346**, and if you desaturate by 10%, it is **48.3612, 53.3454, 61.7815**.

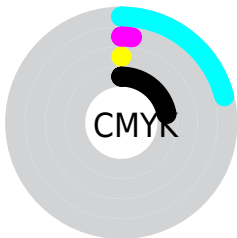
Distribution



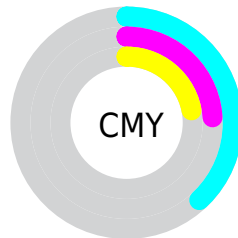
- Red (62%)
- Green (76%)
- Blue (78%)



- Red (62%)
- Yellow (69%)
- Blue (78%)



- Cyan (21%)
- Magenta (2%)
- Yellow (0%)
- Black (22%)




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

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.7285, 50.3218, 61.4412 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 43.7285, 50.3218, 61.4412 by changing the saturation by 10% instead.


 43.7285, 50.3218,
61.4412


 43.7285, 50.3218,
61.4412


352.4702,
387.9230, 447.8411

 30.6541, 35.6692,
44.1485


 80.0579, 90.6515,
108.4812

 20.4861, 24.1788,
30.4492


 104.0437,
117.0973, 139.0656

 12.8592, 15.4663,
19.9248


132.3973,
148.2430, 174.9177

 7.4080, 9.1473,
12.1569

165.4840,
184.4729, 216.4558

 3.7671, 4.8374,
6.7268

203.6694,
226.1715, 264.0987

 1.5713, 2.1522,
3.2160

247.3186,

 0.3736, 0.6937,

273.7231, 318.2649

1.2059

296.7971,
327.5122, 379.3728

■ 0.0000, 0.0000,
0.0000

■ 43.7285, 50.3218,
61.4412

■ 43.7285, 50.3218,
61.4412

■ 39.7365, 47.6391,
61.1346

■ 48.3612, 53.3454,
61.7815

■ 36.3501, 45.2753,
60.8568

■ 53.6588, 56.7185,
62.1533

■ 33.5378, 43.2153,
60.6074

■ 59.6494, 60.4569,
62.5592

■ 31.2632, 41.4405,
60.3847

■ 66.3584, 64.5737,
63.0002

■ 29.4858, 39.9298,
60.1868

■ 73.2547, 68.7952,
63.4515

■ 28.1593, 38.6595,
60.0115

■ 73.7091, 69.7038,
63.6030

■ 27.2287, 37.6010,
59.8563

■ 74.1689, 70.6235,
63.7562

■ 26.6424, 36.7906,
59.7308

■ 74.6342, 71.5541,
63.9114

■ 75.1051, 72.4959,
64.0683

Harmonies

Analogous

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



43.2116, 50.3218, 54.2849



43.7285, 50.3218, 61.4412



45.3329, 50.3218, 67.2168

Triad

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



43.7285, 50.3218, 61.4412



51.9910, 50.3218, 62.3968



48.0071, 50.3218, 42.2230

Complementary

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



43.7285, 50.3218, 61.4412



42.3843, 40.0663, 37.3989

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.



50.4159, 50.3218, 44.0010



43.7285, 50.3218, 61.4412



52.7649, 50.3218, 55.3020

Square

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



43.7285, 50.3218, 61.4412



50.0980, 50.3218, 67.8012



52.1789, 50.3218, 48.6405



45.6303, 50.3218, 43.5632

Rectangle

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



43.7285, 50.3218, 61.4412



46.8324, 50.3218, 69.2893



52.1789, 50.3218, 48.6405



48.8404, 50.3218, 42.4723

Sweetspot

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



43.7300, 50.3239, 61.4423



89.1806, 96.2872, 108.4927



40.7179, 50.5715, 41.1036



18.9573, 20.5259, 23.2127



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.



43.7300, 50.3239, 61.4423



73.4536, 86.0383, 107.3434



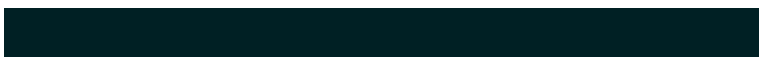
39.4472, 41.7582, 60.0147



10.8571, 11.8883, 13.6399



17.1665, 23.7269, 38.4193



0.8386, 1.1749, 1.8277

Inverse Universe

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



45.4616, 40.1972, 56.9948



77.0137, 65.4661, 98.1443



46.2656, 47.8288, 38.6926



11.0379, 10.7985, 13.1829



20.4642, 9.9352, 28.7180



0.9820, 0.4756, 1.4282

Previews

White Background



This preview shows how the XYZ color 43.7285, 50.3218, 61.4412 looks on a white background.

Color Contrast Check

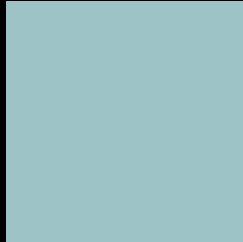
Large Text (above 18pt) WCAG AA × Fail

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 43.7285, 50.3218, 61.4412 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 43.7285, 50.3218, 61.4412

Background



This preview shows how black text looks on a background with the XYZ color 43.7285, 50.3218, 61.4412.



This preview shows how white text looks on a background with the XYZ color 43.7285, 50.3218,

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

43.7285, 50.3218, 61.4412

Protanopia

48.4942, 50.2545, 58.1831

Deuteranopia

50.9418, 49.8623, 62.8166



Tritanopia

44.8767, 50.1143, 67.6294

Trichromacy



Original Color

43.7285, 50.3218, 61.4412

Protanomaly

46.5087, 50.1595, 59.4550

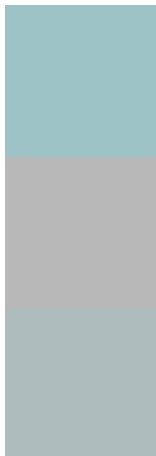
Deuteranomaly

48.0801, 49.9480, 62.3652

Tritanomaly

44.4118, 50.2605, 65.1181

Monochromacy



Original Color

43.7285, 50.3218, 61.4412

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.6241, 48.6392, 55.1805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7285, 50.3218, 61.4412 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(157, 195, 199)` looks like.

```
.text, #text, p{  
    color:rgb(157, 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(157, 195, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 195, 199) }
```

Border

The CSS property to change the border of an element to XYZ 43.7285, 50.3218, 61.4412 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(157, 195, 199) }
```


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

```
.border{ border-color:rgb(157, 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(157, 195, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 195, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 195, 199);  
box-shadow:4px 4px 4px 4px rgb(157, 195,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7285, 50.3218, 61.4412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 195, 199) }
```

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

```
.background{ background-color: rgb(157,  
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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