

Converting Colors

XYZ(42.4356, 46.2391, 60.7057)

Have a look what the booklet for
XYZ(42.4356, 46.2391, 60.7057)
contains.

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Color

**XYZ(42.3496, 46.0859,
60.6962)**

Conversions

Conversions Part 1

Format	Color
Hex	A2B8C7
RGB	162, 184, 199
RGB Percent	64%, 72%, 78%
CMY	0.3647, 0.2784, 0.2196
CMYK	0.19, 0.08, 0.00, 0.22
HSL	204°, 25%, 71%
HSV	204°, 19%, 78%
XYZ	42.3496, 46.0859, 60.6962
YIQ	179.1320, -17.9270, 0.0010

Conversions

Conversions Part 2

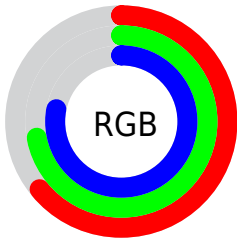
Format	Color
R_{YB}	162, 176, 199
Decimal	10664135
CIE _{Lab}	73.60, -4.32, -10.12
CIE _{LCh}	74, 10.999, 246.872
Yxy	46.0859, 0.2840, 0.3090
Android (android.graphics.Color)	4288854215 (0xFFA2B8C7)
YUV	179.1320, 9.7949, -15.0248
Hunter-Lab	67.8866, -7.4481, -5.4895

Details

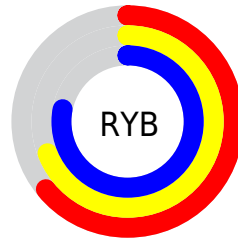
The XYZ color **42.3496, 46.0859, 60.6962** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.7973, 46.1950, 40.6862**, and the grayscale version is **42.8755, 45.1083, 49.1230**.

A 20% lighter version of the original color is **77.8254, 84.2919, 106.7759**, and **19.6575, 21.5919, 29.9197** is the 20% darker color. If you saturate the color by 10%, you get **36.9949, 40.9096, 59.9800**, and if you desaturate by 10%, it is **48.4423, 51.7869, 61.4762**.

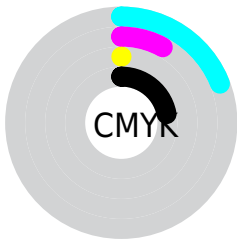
Distribution



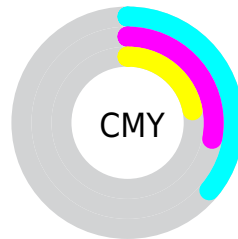
- Red (64%)
- Green (72%)
- Blue (78%)



- Red (64%)
- Yellow (69%)
- Blue (78%)



- Cyan (19%)
- Magenta (8%)
- Yellow (0%)
- Black (22%)



- Cyan (36%)
- Magenta (28%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.3496, 46.0859, 60.6962 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 42.3496, 46.0859, 60.6962 by changing the saturation by 10% instead.

■ 42.3496, 46.0859,
60.6962

■ 42.3496, 46.0859,
60.6962

346.8971,
371.1539, 445.0349

■ 29.5674, 32.3136,
43.5511

■ 77.9903, 84.3475,
107.3922

■ 19.6569, 21.6012,
29.9831

■ 101.5796,
109.6057, 137.7801

■ 12.2527, 13.5641,
19.5738

129.5019,
139.4612, 173.4194

■ 6.9895, 7.8181,
11.9047

162.1227,
174.2986, 214.7285

■ 3.5018, 3.9788,
6.5570

199.8072,
214.5021, 262.1261

■ 1.4243, 1.6617,
3.1124

242.9209,

■ 0.2735, 0.3987,

260.4563, 316.0307

1.1523

291.8291,
312.5454, 376.8608

■ 0.0000, 0.0000,
0.0000

■ 42.3496, 46.0859,
60.6962

■ 42.3496, 46.0859,
60.6962

■ 36.9949, 40.9096,
59.9800

■ 48.4423, 51.7869,
61.4762

■ 32.3425, 36.2336,
59.3227

■ 55.2986, 58.0245,
62.3188

■ 28.3597, 32.0400,
58.7232

■ 62.9475, 64.8170,
63.2268

■ 25.0095, 28.3072,
58.1792

■ 71.4156, 72.1804,
64.2018

■ 22.2508, 25.0114,
57.6885

■ 78.2949, 78.8755,
65.1314

■ 20.0373, 22.1261,
57.2482

■ 80.5188, 83.3234,
65.8728

■ 18.3147, 19.6207,
56.8554

■ 82.8471, 87.9799,
66.6488

■ 16.9973, 17.4482,
56.5055

■ 85.2810, 92.8477,
67.4601

■ 16.8272, 17.1601,
56.4589

■ 87.3089, 96.9036,
68.1361

Harmonies

Analogous

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



40.8770, 46.0859, 56.8897



42.3496, 46.0859, 60.6962



44.2526, 46.0859, 61.5911

Triad

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



42.3496, 46.0859, 60.6962



47.6250, 46.0859, 48.9082



41.5958, 46.0859, 42.0843

Complementary

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



42.3496, 46.0859, 60.6962



45.7973, 46.1950, 40.6862

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.



43.3570, 46.0859, 40.2728



42.3496, 46.0859, 60.6962



46.8660, 46.0859, 44.0192

Square

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



42.3496, 46.0859, 60.6962



47.3360, 46.0859, 54.5087



45.2898, 46.0859, 40.9541



40.4508, 46.0859, 46.0862

Rectangle

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



42.3496, 46.0859, 60.6962



45.5168, 46.0859, 60.3609



45.2898, 46.0859, 40.9541



42.1333, 46.0859, 41.2130

Sweetspot

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



42.3510, 46.0878, 60.6972



87.6968, 93.3195, 107.9981



43.2405, 51.6954, 49.1906



18.6059, 19.8231, 23.0956



0.0000, 0.0000, 0.0000



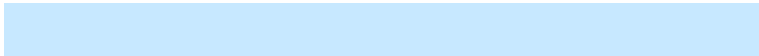
20.3446, 21.4041, 23.3091

Same Dimension

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



42.3510, 46.0878, 60.6972



70.5066, 77.2083, 105.7943



38.7918, 38.9694, 59.5108



10.5722, 11.3185, 13.5450



10.9079, 11.2098, 36.3332



0.5863, 0.6703, 1.7436

Inverse Universe

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



45.1263, 41.4446, 50.9707



76.2429, 67.9018, 85.6259



49.6580, 53.9163, 41.9731



10.8941, 10.7410, 12.4256



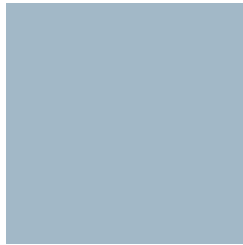
17.3052, 8.6716, 12.0828



0.8546, 0.4247, 0.7576

Previews

White Background



This preview shows how the XYZ color 42.3496, 46.0859, 60.6962 looks on a white background.

Color Contrast Check

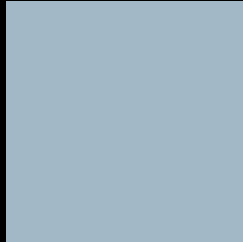
Large Text (above 18pt) WCAG AA × Fail

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 42.3496, 46.0859, 60.6962 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

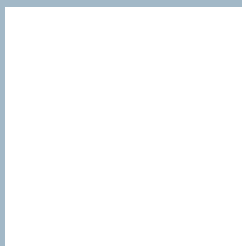
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.3496, 46.0859, 60.6962

Background



This preview shows how black text looks on a background with the XYZ color 42.3496, 46.0859, 60.6962.



This preview shows how white text looks on a background with the XYZ color 42.3496, 46.0859,

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

42.3496, 46.0859, 60.6962

Protanopia

44.6743, 45.8094, 58.7121

Deuteranopia

47.0542, 46.0865, 61.6739



Tritanopia

42.3496, 46.0859, 60.6962

Trichromacy



Original Color

42.3496, 46.0859, 60.6962

Protanomaly

43.8355, 45.9632, 59.3847

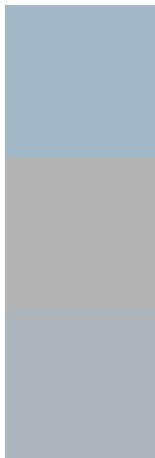
Deuteranomaly

45.1358, 45.9940, 61.1424

Tritanomaly

42.3496, 46.0859, 60.6962

Monochromacy



Original Color

42.3496, 46.0859, 60.6962

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.6204, 45.4772, 52.9860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3496, 46.0859, 60.6962 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(162, 184, 199)` looks like.

```
.text, #text, p{  
    color:rgb(162, 184, 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(162, 184, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 184, 199) }
```

Border

The CSS property to change the border of an element to XYZ 42.3496, 46.0859, 60.6962 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(162, 184, 199) }
```


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

```
.border{ border-color:rgb(162, 184, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 184, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 184, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 184, 199);  
box-shadow:4px 4px 4px 4px rgb(162, 184,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3496, 46.0859, 60.6962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 184, 199) }
```

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

```
.background{ background-color: rgb(162,  
184, 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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