

Converting Colors

XYZ(42.0421, 47.9426, 60.8197)

Have a look what the booklet for
XYZ(42.0421, 47.9426, 60.8197)
contains.

XYZ(42.0487, 47.8205, 61.0469)	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(42.0487, 47.8205,
61.0469)**

Conversions

Conversions Part 1

Format	Color
Hex	9ABEC7
RGB	154, 190, 199
RGB Percent	60%, 75%, 78%
CMY	0.3961, 0.2549, 0.2196
CMYK	0.23, 0.05, 0.00, 0.22
HSL	192°, 29%, 69%
HSV	192°, 23%, 78%
XYZ	42.0487, 47.8205, 61.0469
YIQ	180.2620, -24.3450, -4.8330

Conversions

Conversions Part 2

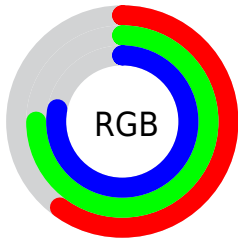
Format	Color
RYB	154, 174, 199
Decimal	10141383
CIELab	74.71, -10.01, -8.52
CIELCh	75, 13.146, 220.386
Yxy	47.8205, 0.2786, 0.3169
Android (android.graphics.Color)	4288331463 (0xFF9ABEC7)
YUV	180.2620, 9.2378, -23.0318
Hunter-Lab	69.1524, -12.4782, -3.9339

Details

The XYZ color **42.0487, 47.8205, 61.0469** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.4836, 40.6697, 36.1837**, and the grayscale version is **43.4856, 45.7502, 49.8220**.

A 20% lighter version of the original color is **77.3003, 86.6868, 107.2658**, and **19.5360, 22.7604, 30.1516** is the 20% darker color. If you saturate the color by 10%, you get **37.7209, 44.3287, 60.6018**, and if you desaturate by 10%, it is **47.0307, 51.6870, 61.5314**.

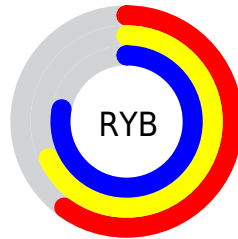
Distribution



Red (60%)

Green (75%)

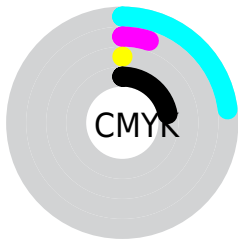
Blue (78%)



Red (60%)

Yellow (68%)

Blue (78%)

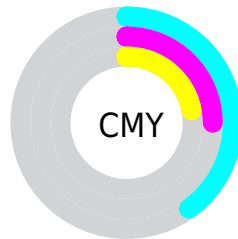


Cyan (23%)

Magenta (5%)

Yellow (0%)

Black (22%)



Cyan (40%)

Magenta (25%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.0487, 47.8205, 61.0469 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 42.0487, 47.8205, 61.0469 by changing the saturation by 10% instead.

■ 42.0487, 47.8205,
61.0469

■ 42.0487, 47.8205,
61.0469

345.6730,
378.0802, 446.3573

■ 29.3307, 33.6848,
43.8322

■ 77.5380, 86.9371,
107.9050

■ 19.4767, 22.6515,
30.2024

■ 101.0401,
112.6867, 138.3856

■ 12.1213, 14.3364,
19.7389

128.8675,
143.0764, 174.1251

■ 6.8991, 8.3550,
12.0232

161.3857,
178.4907, 215.5422

■ 3.4448, 4.3229,
6.6368

198.9600,
219.3137, 263.0555

■ 1.3931, 1.8558,
3.1610

241.9557,

■ 0.2513, 0.5216,

265.9301, 317.0834

1.1774

290.7382,
318.7241, 378.0445

■ 0.0000, 0.0000,
0.0000

■ 42.0487, 47.8205,
61.0469

■ 42.0487, 47.8205,
61.0469

■ 37.7209, 44.3287,
60.6018

■ 47.0307, 51.6870,
61.5314

■ 34.0121, 41.1893,
60.1913

■ 52.6918, 55.9375,
62.0535

■ 30.8898, 38.3868,
59.8149

■ 59.0604, 60.5883,
62.6155

■ 28.3171, 35.9016,
59.4708

■ 66.1623, 65.6528,
63.2187

■ 26.2526, 33.7122,
59.1571

■ 74.0219, 71.1439,
63.8644

■ 24.6486, 31.7938,
58.8713

■ 75.5645, 73.4147,
64.2214

■ 23.4481, 30.1167,
58.6109

■ 76.5831, 75.4520,
64.5609

■ 22.7436, 28.9928,
58.4311

■ 77.6265, 77.5387,
64.9087

■ 78.6948, 79.6754,
65.2648

Harmonies

Analogous

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



41.0902, 47.8205, 54.4713



42.0487, 47.8205, 61.0469



43.9303, 47.8205, 65.4408

Triad

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



42.0487, 47.8205, 61.0469



49.9085, 47.8205, 56.6013



44.6305, 47.8205, 40.1925

Complementary

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



42.0487, 47.8205, 61.0469



42.4836, 40.6697, 36.1837

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.



47.0083, 47.8205, 40.6543



42.0487, 47.8205, 61.0469



50.1120, 47.8205, 49.7372

Square

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



42.0487, 47.8205, 61.0469



48.4875, 47.8205, 62.7229



49.0340, 47.8205, 44.0164



42.5458, 47.8205, 42.6944

Rectangle

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



42.0487, 47.8205, 61.0469



45.4828, 47.8205, 66.3318



49.0340, 47.8205, 44.0164



45.4211, 47.8205, 40.0120

Sweetspot

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



42.0501, 47.8224, 61.0480



87.6571, 94.5143, 108.2308



40.2946, 50.3353, 41.8919



18.6320, 20.1322, 23.1538



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.



42.0501, 47.8224, 61.0480



69.8607, 80.7270, 106.5076



37.6850, 39.0922, 59.5929



10.7596, 11.6933, 13.6074



14.6873, 18.7686, 37.5930



0.7426, 0.9830, 1.7957

Inverse Universe

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



44.4042, 38.9721, 53.8995



74.7427, 62.8059, 91.5857



46.6835, 49.0695, 37.5837



10.9887, 10.7789, 12.9238



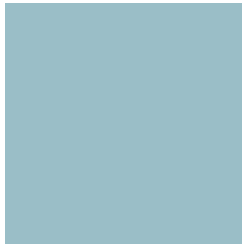
19.2128, 9.4347, 22.1283



0.9335, 0.4562, 1.1731

Previews

White Background



This preview shows how the XYZ color 42.0487, 47.8205, 61.0469 looks on a white background.

Color Contrast Check

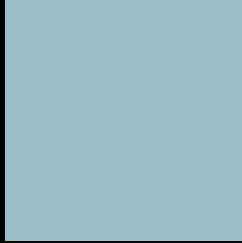
Large Text (above 18pt) WCAG AA × Fail

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 42.0487, 47.8205, 61.0469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

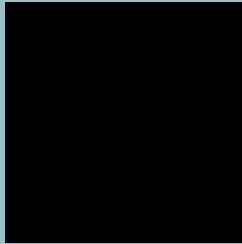
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.0487, 47.8205, 61.0469

Background



This preview shows how black text looks on a background with the XYZ color 42.0487, 47.8205, 61.0469.



This preview shows how white text looks on a background with the XYZ color 42.0487, 47.8205,

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

42.0487, 47.8205, 61.0469

Protanopia

45.9940, 47.4182, 57.7674

Deuteranopia

48.4553, 47.3953, 61.8527



Tritanopia

42.6142, 47.7234, 64.0923

Trichromacy



Original Color

42.0487, 47.8205, 61.0469

Protanomaly

44.3260, 47.4541, 59.0479

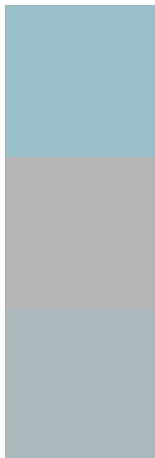
Deuteranomaly

45.7437, 47.2097, 61.3450

Tritanomaly

42.3758, 47.6280, 62.8368

Monochromacy



Original Color

42.0487, 47.8205, 61.0469

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.9047, 46.5268, 53.7330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0487, 47.8205, 61.0469 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(154, 190, 199)` looks like.

```
.text, #text, p{  
    color:rgb(154, 190, 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(154, 190, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 190, 199) }
```

Border

The CSS property to change the border of an element to XYZ 42.0487, 47.8205, 61.0469 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(154, 190, 199) }
```


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

```
.border{ border-color:rgb(154, 190, 199) }
```

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

Here you see how a box with a 4 pixel rgb(154, 190, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 190, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 190, 199);  
box-shadow:4px 4px 4px 4px rgb(154, 190,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0487, 47.8205, 61.0469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 190, 199) }
```

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

```
.background{ background-color: rgb(154,  
190, 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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