

Converting Colors

XYZ(42.7093, 48.5233, 60.1425)

Have a look what the booklet for
XYZ(42.7093, 48.5233, 60.1425)
contains.

| | |
|--|----|
| XYZ(42.6135, 48.4609, 59.9312) | 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(42.6135, 48.4609,
59.9312)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 9DBFC5 |
| RGB | 157, 191, 197 |
| RGB Percent | 62%, 75%, 77% |
| CMY | 0.3843, 0.2510, 0.2274 |
| CMYK | 0.20, 0.03, 0.00, 0.23 |
| HSL | 189°, 26%, 69% |
| HSV | 189°, 20%, 77% |
| XYZ | 42.6135, 48.4609, 59.9312 |
| YIQ | 181.5180, -22.1900, -5.3420 |

Conversions

Conversions Part 2

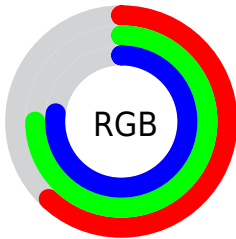
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 157, 175, 197 |
| Decimal | 10338245 |
| CIELab | 75.11, -10.05, -6.81 |
| CIElCh | 75, 12.143, 214.121 |
| Yxy | 48.4609, 0.2822, 0.3209 |
| Android (android.graphics.Color) | 4288528325 (0xFF9DBFC5) |
| YUV | 181.5180, 7.6326, -21.5023 |
| Hunter-Lab | 69.6139, -12.5571, -2.3136 |

Details

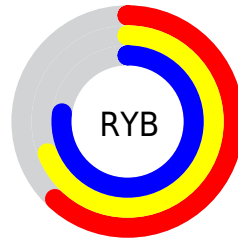
The XYZ color **42.6135, 48.4609, 59.9312** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.2095, 40.4992, 37.4918**, and the grayscale version is **44.1711, 46.4715, 50.6074**.

A 20% lighter version of the original color is **78.3015, 87.6743, 106.5618**, and **19.8721, 23.1634, 29.4102** is the 20% darker color. If you saturate the color by 10%, you get **38.4382, 45.3630, 59.5541**, and if you desaturate by 10%, it is **47.4243, 51.9082, 60.3438**.

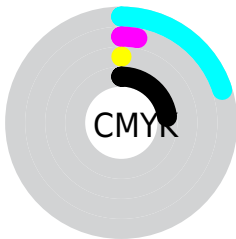
Distribution



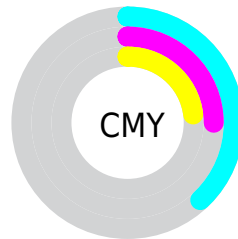
- Red (62%)
- Green (75%)
- Blue (77%)



- Red (62%)
- Yellow (69%)
- Blue (77%)



- Cyan (20%)
- Magenta (3%)
- Yellow (0%)
- Black (23%)



- Cyan (38%)
- Magenta (25%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.6135, 48.4609, 59.9312 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 42.6135, 48.4609, 59.9312 by changing the saturation by 10% instead.

■ 42.6135, 48.4609,
59.9312

■ 42.6135, 48.4609,
59.9312

347.9684,
380.6161, 442.1417

■ 29.7752, 34.1920,
42.9382

■ 78.3866, 87.8902,
106.2723

■ 19.8152, 23.0412,
29.5056

■ 102.0522,
113.8195, 136.4574

■ 12.3683, 14.6239,
19.2148

130.0575,
144.4043, 171.8771

■ 7.0690, 8.5559,
11.6472

162.7680,
180.0292, 212.9498

■ 3.5520, 4.4526,
6.3843

200.5489,
221.0784, 260.0941

■ 1.4520, 1.9298,
3.0076

243.7658,

■ 0.2928, 0.5662,

267.9363, 313.7285

1.0985

292.7838,
320.9874, 374.2715

■ 0.0000, 0.0000,
0.0000

■ 42.6135, 48.4609,
59.9312

■ 42.6135, 48.4609,
59.9312

■ 38.4382, 45.3630,
59.5541

■ 47.4243, 51.9082,
60.3438

■ 34.8646, 42.5932,
59.2078

■ 52.8942, 55.7134,
60.7900

■ 31.8617, 40.1367,
58.8919

■ 59.0506, 59.8921,
61.2721

■ 29.3945, 37.9753,
58.6048

■ 65.9181, 64.4569,
61.7912

■ 27.4238, 36.0887,
58.3445

■ 73.3349, 69.3247,
62.3399

■ 25.9049, 34.4537,
58.1090

■ 74.0517, 70.7583,
62.5788

■ 24.7848, 33.0429,
57.8957

■ 74.7819, 72.2188,
62.8222

■ 23.9818, 31.8386,
57.7056

■ 75.5257, 73.7062,
63.0702

■ 76.2830, 75.2209,
63.3226

Harmonies

Analogous

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



41.9294, 48.4609, 53.6499



42.6135, 48.4609, 59.9312



44.2209, 48.4609, 64.5578

Triad

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



42.6135, 48.4609, 59.9312



50.0125, 48.4609, 58.2884



45.7543, 48.4609, 41.4783

Complementary

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



42.6135, 48.4609, 59.9312



42.2095, 40.4992, 37.4918

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.



47.9507, 48.4609, 42.5048



42.6135, 48.4609, 59.9312



50.4547, 48.4609, 51.8912

Square

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



42.6135, 48.4609, 59.9312



48.4990, 48.4609, 63.5571



49.6888, 48.4609, 46.1954



43.7054, 48.4609, 43.2706

Rectangle

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



42.6135, 48.4609, 59.9312



45.6244, 48.4609, 65.8969



49.6888, 48.4609, 46.1954



46.4996, 48.4609, 41.5061

Sweetspot

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



42.6149, 48.4629, 59.9323



88.9159, 95.7578, 108.4045



40.4231, 49.7220, 41.8058



18.8945, 20.4004, 23.1918



0.0000, 0.0000, 0.0000



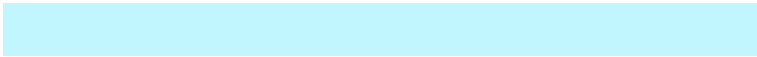
20.3446, 21.4041, 23.3091

Same Dimension

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



42.6149, 48.4629, 59.9323



73.1490, 84.4672, 107.0562



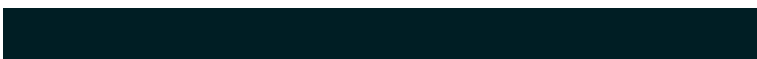
38.6728, 40.5787, 58.6183



10.8060, 11.7861, 13.6229



15.8223, 21.0386, 37.9713



0.7870, 1.0718, 1.8105

Inverse Universe

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



44.4881, 39.7470, 54.6196



77.0948, 66.3976, 95.7996



45.9089, 47.8982, 38.7250



11.0121, 10.7882, 13.0470



19.7857, 9.6638, 25.1452



0.9559, 0.4652, 1.2911

Previews

White Background



This preview shows how the XYZ color 42.6135, 48.4609, 59.9312 looks on a white background.

Color Contrast Check

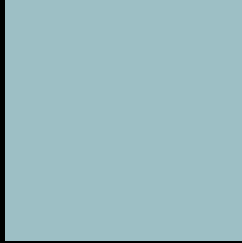
Large Text (above 18pt) WCAG AA × Fail

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 42.6135, 48.4609, 59.9312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

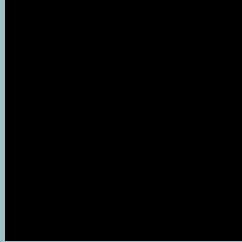
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.6135, 48.4609, 59.9312

Background



This preview shows how black text looks on a background with the XYZ color 42.6135, 48.4609, 59.9312.



This preview shows how white text looks on a background with the XYZ color 42.6135, 48.4609,

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

42.6135, 48.4609, 59.9312

Protanopia

46.4555, 47.9870, 56.6831

Deuteranopia

49.1939, 48.0995, 60.7242



Tritanopia

43.7310, 48.6056, 64.8346

Trichromacy



Original Color

42.6135, 48.4609, 59.9312

Protanomaly

44.9757, 48.1268, 57.9579

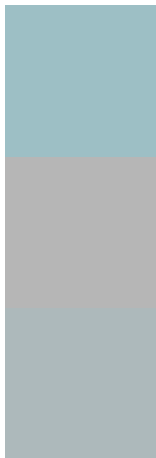
Deuteranomaly

46.4179, 47.8893, 60.2231

Tritanomaly

43.1747, 48.3603, 62.9360

Monochromacy



Original Color

42.6135, 48.4609, 59.9312

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.5522, 47.1700, 53.8230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6135, 48.4609, 59.9312 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, 191, 197)` looks like.

```
.text, #text, p{  
    color:rgb(157, 191, 197)  
}
```

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, 191, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 191, 197) }
```

Border

The CSS property to change the border of an element to XYZ 42.6135, 48.4609, 59.9312 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, 191, 197) }
```


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

```
.border{ border-color:rgb(157, 191, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 191, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 191, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 191, 197); box-shadow:4px 4px 4px 4px rgb(157, 191, 197) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6135, 48.4609, 59.9312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 191, 197) }
```

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

```
.background{ background-color: rgb(157,  
191, 197) }
```

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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