

Converting Colors

XYZ(35.1973, 43.1174, 61.3850)

Have a look what the booklet for
XYZ(35.1973, 43.1174, 61.3850)
contains.

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Color

**XYZ(35.0545, 42.9328,
61.0829)**

Conversions

Conversions Part 1

Format	Color
Hex	73BAC8
RGB	115, 186, 200
RGB Percent	45%, 73%, 78%
CMY	0.5490, 0.2706, 0.2157
CMYK	0.42, 0.07, 0.00, 0.22
HSL	190°, 44%, 62%
HSV	190°, 42%, 78%
XYZ	35.0545, 42.9328, 61.0829
YIQ	166.3670, -46.8100, -10.6980

Conversions

Conversions Part 2

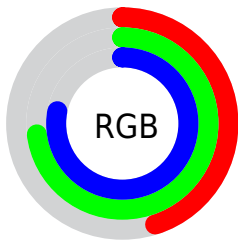
Format	Color
R _{YB}	115, 154, 200
Decimal	7584456
CIE Lab	71.51, -18.63, -14.07
CIE LCh	72, 23.344, 217.067
Yxy	42.9328, 0.2521, 0.3087
Android (android.graphics.Color)	4285774536 (0xFF73BAC8)
YUV	166.3670, 16.5811, -45.0489
Hunter-Lab	65.5231, -19.1690, -9.4060

Details

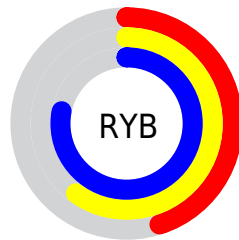
The XYZ color **35.0545, 42.9328, 61.0829** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.7650, 29.2185, 20.0283**, and the grayscale version is **36.3627, 38.2564, 41.6612**.

A 20% lighter version of the original color is **66.5967, 79.3822, 106.4200**, and **15.3795, 19.7802, 30.2015** is the 20% darker color. If you saturate the color by 10%, you get **32.0188, 40.3505, 60.7452**, and if you desaturate by 10%, it is **38.6794, 45.8445, 61.4546**.

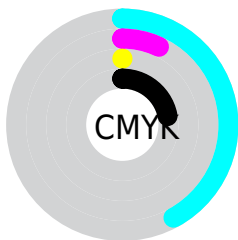
Distribution



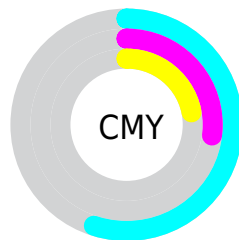
- Red (45%)
- Green (73%)
- Blue (78%)



- Red (45%)
- Yellow (60%)
- Blue (78%)



- Cyan (42%)
- Magenta (7%)
- Yellow (0%)
- Black (22%)



- Cyan (55%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0545, 42.9328, 61.0829 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 35.0545, 42.9328, 61.0829 by changing the saturation by 10% instead.

■ 35.0545, 42.9328,
61.0829

■ 35.0545, 42.9328,
61.0829

316.3126,
358.3353, 446.4929

■ 23.8716, 29.8324,
43.8611

■ 66.9037, 79.6094,
107.9577

■ 15.3626, 19.7114,
30.2249

■ 88.3006, 103.9545,
138.4477

■ 9.1622, 12.1854,
19.7559

■ 113.8329,
132.8165, 174.1975

■ 4.9051, 6.8701,
12.0354

143.8660,
166.5799, 215.6257

■ 2.2259, 3.3810,
6.6450

178.7651,
205.6291, 263.1508

■ 0.7563, 1.3337,
3.1660

218.8957,

■ 0.0000, 0.1671,

250.3485, 317.1913

1.1800

264.6231,
301.1224, 378.1658

■ 0.0000, 0.0000,
0.0000

■ 35.0545, 42.9328,
61.0829

■ 35.0545, 42.9328,
61.0829

■ 32.0188, 40.3505,
60.7452

■ 38.6794, 45.8445,
61.4546

■ 29.5310, 38.0733,
60.4368

■ 42.9235, 49.0984,
61.8590

■ 27.5505, 36.0810,
60.1566

■ 47.8196, 52.7125,
62.2985

■ 26.0294, 34.3488,
59.9025

■ 53.3968, 56.7019,
62.7746

■ 24.9101, 32.8469,
59.6716

■ 59.6826, 61.0809,
63.2885

■ 24.2558, 31.8309,
59.5099

■ 66.7030, 65.8632,
63.8416

■ 74.4806, 71.0604,
64.4348

■ 75.2974, 72.6941,
64.7071

■ 76.1311, 74.3614,
64.9850

Harmonies

Analogous

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



33.7398, 42.9328, 49.4673



35.0545, 42.9328, 61.0829



37.9248, 42.9328, 69.7127

Triad

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



35.0545, 42.9328, 61.0829



48.1892, 42.9328, 55.7213



39.8813, 42.9328, 28.3502

Complementary

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



35.0545, 42.9328, 61.0829



34.7650, 29.2185, 20.0283

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.



43.8303, 42.9328, 29.4754



35.0545, 42.9328, 61.0829



48.7965, 42.9328, 44.1274

Square

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



35.0545, 42.9328, 61.0829



45.5455, 42.9328, 66.2858



47.1553, 42.9328, 34.8496



36.4079, 42.9328, 31.4823

Rectangle

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



35.0545, 42.9328, 61.0829



40.4199, 42.9328, 71.9374



47.1553, 42.9328, 34.8496



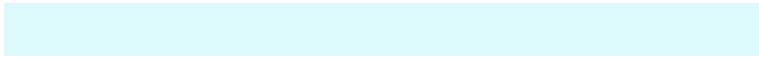
41.1952, 42.9328, 28.2525

Sweetspot

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



35.0558, 42.9345, 61.0839



82.1713, 90.8120, 107.8053



31.6054, 46.5063, 27.6480



17.1641, 19.1279, 23.0374



0.0000, 0.0000, 0.0000



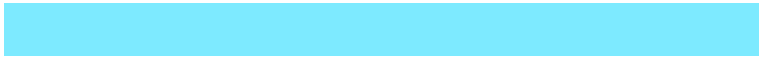
20.3446, 21.4041, 23.3091

Same Dimension

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



35.0558, 42.9345, 61.0839



55.8042, 70.1843, 105.2135



27.5839, 27.9907, 58.5933



10.7923, 11.7587, 13.6183



15.4785, 20.3509, 37.8567



0.7736, 1.0450, 1.8061

Inverse Universe

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



38.8142, 28.0872, 49.8318



63.3586, 41.8311, 82.2625



41.3366, 42.3615, 22.2188



11.0052, 10.7855, 13.0106



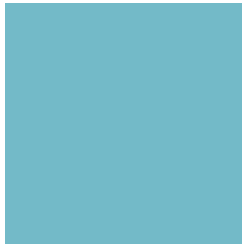
19.6122, 9.5944, 24.2313



0.9492, 0.4625, 1.2556

Previews

White Background



This preview shows how the XYZ color 35.0545, 42.9328, 61.0829 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 35.0545, 42.9328, 61.0829 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 35.0545, 42.9328, 61.0829

Background



This preview shows how black text looks on a background with the XYZ color 35.0545, 42.9328, 61.0829.



This preview shows how white text looks on a background with the XYZ color 35.0545, 42.9328,

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

35.0545, 42.9328, 61.0829

Protanopia

41.4713, 42.4636, 55.8797

Deuteranopia

43.2857, 42.4084, 62.4041



Tritanopia

35.1718, 42.9797, 61.7005

Trichromacy



Original Color

35.0545, 42.9328, 61.0829

Protanomaly

38.5332, 42.3602, 57.7752

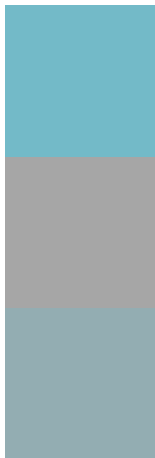
Deuteranomaly

39.5124, 42.1850, 61.9371

Tritanomaly

35.1718, 42.9797, 61.7005

Monochromacy



Original Color

35.0545, 42.9328, 61.0829

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.0121, 39.3045, 47.8607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0545, 42.9328, 61.0829 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(115, 186, 200)` looks like.

```
.text, #text, p{  
    color:rgb(115, 186, 200)  
}
```

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(115, 186, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 186, 200) }
```

Border

The CSS property to change the border of an element to XYZ 35.0545, 42.9328, 61.0829 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(115, 186, 200) }
```


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

```
.border{ border-color:rgb(115, 186, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 186, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 186, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 186, 200);  
box-shadow:4px 4px 4px 4px rgb(115, 186,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0545, 42.9328, 61.0829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 186, 200) }
```

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

```
.background{ background-color: rgb(115,  
186, 200) }
```

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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