

Converting Colors

XYZ(53.8739, 65.9905, 61.7163)

Have a look what the booklet for
XYZ(53.8739, 65.9905, 61.7163)
contains.

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Color

**XYZ(53.6936, 65.7142,
61.4839)**

Conversions

Conversions Part 1

Format	Color
Hex	AEDFC3
RGB	174, 223, 195
RGB Percent	68%, 87%, 76%
CMY	0.3176, 0.1255, 0.2353
CMYK	0.22, 0.00, 0.13, 0.13
HSL	146°, 43%, 78%
HSV	146°, 22%, 87%
XYZ	53.6936, 65.7142, 61.4839
YIQ	205.1570, -20.2160, -19.0960

Conversions

Conversions Part 2

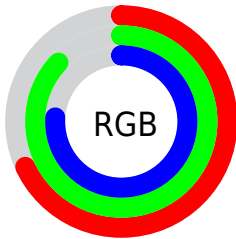
Format	Color
RYB	174, 208, 223
Decimal	11460547
CIELab	84.85, -21.37, 8.57
CIELCh	85, 23.024, 158.145
Yxy	65.7142, 0.2968, 0.3633
Android (android.graphics.Color)	4289650627 (0xFFAEDFC3)
YUV	205.1570, -5.0074, -27.3247
Hunter-Lab	81.0643, -23.6316, 11.7760

Details

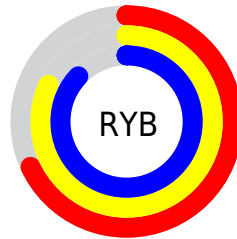
The XYZ color **53.6936, 65.7142, 61.4839** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **56.2305, 50.2260, 62.6110**, and the grayscale version is **58.1698, 61.1992, 66.6459**.

A 20% lighter version of the original color is **85.9638, 95.3713, 105.9732**, and **26.6955, 33.9933, 30.3537** is the 20% darker color. If you saturate the color by 10%, you get **47.7522, 62.8126, 54.0031**, and if you desaturate by 10%, it is **60.5865, 69.0957, 69.6540**.

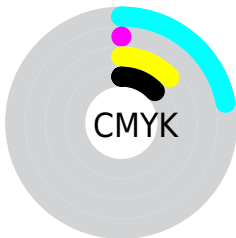
Distribution



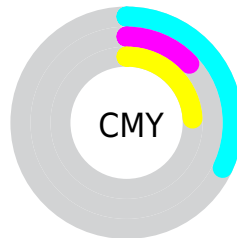
- Red (68%)
- Green (87%)
- Blue (76%)



- Red (68%)
- Yellow (82%)
- Blue (87%)



- Cyan (22%)
- Magenta (0%)
- Yellow (13%)
- Black (13%)





- Cyan (32%)
- Magenta (13%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.6936, 65.7142, 61.4839 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 53.6936, 65.7142, 61.4839 by changing the saturation by 10% instead.

 53.6936, 65.7142,
61.4839

 53.6936, 65.7142,
61.4839

391.1580,
445.3541, 448.0016

 38.5864, 48.0404,
44.1827


 94.7837, 113.0760,
108.5436

 26.6174, 33.8589,
30.4759


121.4975,
143.5329, 139.1392

 17.4212, 22.7852,
19.9450


152.8107,
179.0196, 175.0034

 10.6324, 14.4350,
12.1714

189.0889,
219.9205, 216.5547

 5.8857, 8.4238,
6.7366

230.6974,
266.6200, 264.2116

 2.8157, 4.3673,
3.2220

278.0015,

 1.0571, 1.8811,

319.5025, 318.3927

1.2091

331.3666,
378.9524, 379.5165

0.0000, 0.5370,
0.0000

0.0000, 0.0000,
0.0000

53.6936, 65.7142,
61.4839

53.6936, 65.7142,
61.4839

47.7522, 62.8126,
54.0031

60.5865, 69.0957,
69.6540

42.7130, 60.3604,
47.1892

68.4661, 72.9697,
78.5263

38.5306, 58.3364,
41.0249

77.3728, 77.3581,
88.1190

35.1532, 56.7142,
35.4905

84.2599, 80.6902,
98.3038

■ 32.5230, 55.4646,
30.5651

■ 85.6789, 81.2579,
105.7763

■ 30.5739, 54.5538,
26.2266

■ 29.2274, 53.9418,
22.4514

■ 28.4804, 53.6144,
19.8097

Harmonies

Analogous

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



56.5279, 65.7142, 51.4454



53.6936, 65.7142, 61.4839



53.1411, 65.7142, 75.6545

Triad

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



53.6936, 65.7142, 61.4839



63.8760, 65.7142, 103.5369



70.5941, 65.7142, 55.3927

Complementary

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



53.6936, 65.7142, 61.4839



56.2305, 50.2260, 62.6110

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.



72.8078, 65.7142, 67.5997



53.6936, 65.7142, 61.4839



68.7920, 65.7142, 96.3133

Square

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



53.6936, 65.7142, 61.4839



58.8373, 65.7142, 101.3065



72.1308, 65.7142, 82.6624



66.2272, 65.7142, 48.2807

Rectangle

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



53.6936, 65.7142, 61.4839



54.1108, 65.7142, 85.8136



72.1308, 65.7142, 82.6624



71.6254, 65.7142, 58.9644

Sweetspot

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



53.6954, 65.7169, 61.4854



87.1860, 96.1307, 100.1857



58.5453, 68.4725, 50.1762



18.5231, 20.5079, 21.2879



0.0000, 0.0000, 0.0000



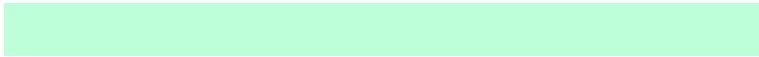
20.3446, 21.4041, 23.3091

Same Dimension

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



53.6954, 65.7169, 61.4854



69.2109, 87.3161, 78.9283



56.6207, 66.8871, 76.8897



13.7714, 15.4343, 15.8313



16.7994, 31.5446, 11.9323



1.2086, 2.2042, 1.0597

Inverse Universe

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



56.2305, 50.2260, 62.6110



73.1814, 63.0496, 80.6876



53.6137, 49.1793, 48.8312



14.0338, 13.8312, 15.9482



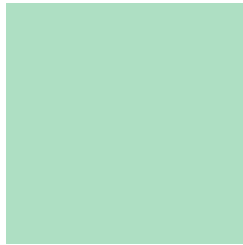
20.2200, 10.1550, 13.0904



1.4461, 0.7217, 1.1422

Previews

White Background



This preview shows how the XYZ color 53.6936, 65.7142, 61.4839 looks on a white background.

Color Contrast Check

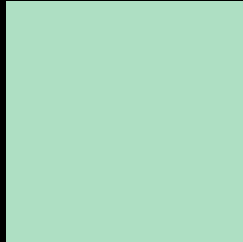
Large Text (above 18pt) WCAG AA × Fail

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 53.6936, 65.7142, 61.4839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

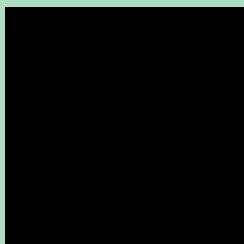
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

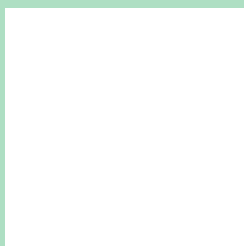
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.6936, 65.7142, 61.4839

Background



This preview shows how black text looks on a background with the XYZ color 53.6936, 65.7142, 61.4839.



This preview shows how white text looks on a background with the XYZ color 53.6936, 65.7142,

61.4839.

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

53.6936, 65.7142, 61.4839

Protanopia

61.8866, 65.4350, 56.9454

Deuteranopia

66.4937, 65.1421, 63.1019



Tritanopia

58.8643, 65.4476, 88.1274

Trichromacy



Original Color

53.6936, 65.7142, 61.4839

Protanomaly

58.3330, 65.0590, 58.7734

Deuteranomaly

60.9279, 64.8119, 62.7248

Tritanomaly

56.6099, 65.2953, 77.3297

Monochromacy



Original Color

53.6936, 65.7142, 61.4839

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

56.3342, 62.7733, 64.4057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6936, 65.7142, 61.4839 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(174, 223, 195)` looks like.

```
.text, #text, p{  
    color:rgb(174, 223, 195)  
}
```

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(174, 223, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 223, 195) }
```

Border

The CSS property to change the border of an element to XYZ 53.6936, 65.7142, 61.4839 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(174, 223, 195) }
```


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

```
.border{ border-color:rgb(174, 223, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 223, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 223, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 223, 195);  
box-shadow:4px 4px 4px 4px rgb(174, 223,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6936, 65.7142, 61.4839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 223, 195) }
```

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

```
.background{ background-color: rgb(174,  
223, 195) }
```

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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