

Converting Colors

XYZ(36.5523, 43.5302, 58.7283)

Have a look what the booklet for
XYZ(36.5523, 43.5302, 58.7283)
contains.

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Color

**XYZ(36.5187, 43.4293,
58.6825)**

Conversions

Conversions Part 1

Format	Color
Hex	82B9C4
RGB	130, 185, 196
RGB Percent	51%, 73%, 77%
CMY	0.4902, 0.2745, 0.2314
CMYK	0.34, 0.06, 0.00, 0.23
HSL	190°, 36%, 64%
HSV	190°, 34%, 77%
XYZ	36.5187, 43.4293, 58.6825
YIQ	169.8090, -36.3110, -8.2390

Conversions

Conversions Part 2

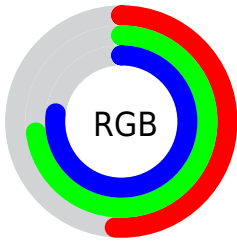
Format	Color
RYB	130, 160, 196
Decimal	8567236
CIELab	71.85, -15.15, -11.30
CIElCh	72, 18.902, 216.721
Yxy	43.4293, 0.2634, 0.3133
Android (android.graphics.Color)	4286757316 (0xFF82B9C4)
YUV	169.8090, 12.9122, -34.9125
Hunter-Lab	65.9009, -16.4116, -6.6651

Details

The XYZ color **36.5187, 43.4293, 58.6825** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.3197, 32.3977, 25.4592**, and the grayscale version is **38.0652, 40.0475, 43.6118**.

A 20% lighter version of the original color is **69.1925, 80.3167, 104.7844**, and **16.1943, 20.0333, 28.6045** is the 20% darker color. If you saturate the color by 10%, you get **33.1188, 40.6749, 58.3308**, and if you desaturate by 10%, it is **40.5096, 46.5137, 59.0683**.

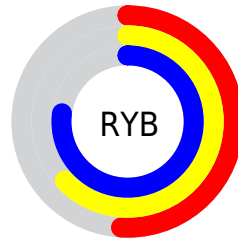
Distribution



Red (51%)

Green (73%)

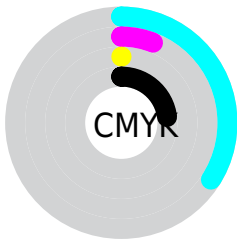
Blue (77%)



Red (51%)

Yellow (63%)

Blue (77%)

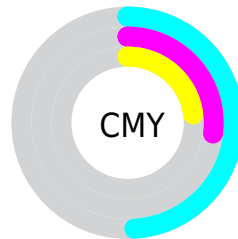


Cyan (34%)

Magenta (6%)

Yellow (0%)

Black (23%)



Cyan (49%)

Magenta (27%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.5187, 43.4293, 58.6825 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 36.5187, 43.4293, 58.6825 by changing the saturation by 10% instead.

■ 36.5187, 43.4293,
58.6825

■ 36.5187, 43.4293,
58.6825

322.6139,
360.3743, 437.3934

■ 25.0070, 30.2221,
41.9393

■ 69.1506, 80.3583,
104.4406

■ 16.2110, 20.0072,
28.7285

■ 91.0015, 104.8489,
134.2926

■ 9.7654, 12.4003,
18.6317

■ 117.0295,
133.8694, 169.3513

■ 5.3048, 7.0169,
11.2304

147.6000,
167.8041, 210.0351

■ 2.4638, 3.4727,
6.1059

183.0783,
207.0376, 256.7627

■ 0.8770, 1.3832,
2.8397

223.8299,

■ 0.0000, 0.2043,

251.9542, 309.9526

1.0134

270.2199,
302.9383, 370.0233

■ 0.0000, 0.0000,
0.0000

■ 36.5187, 43.4293,
58.6825

■ 36.5187, 43.4293,
58.6825

■ 33.1188, 40.6749,
58.3308

■ 40.5096, 46.5137,
59.0683

■ 30.2732, 38.2284,
58.0085

■ 45.1176, 49.9388,
59.4865

■ 27.9473, 36.0727,
57.7150

■ 50.3722, 53.7207,
59.9395

■ 26.1007, 34.1870,
57.4484

■ 56.2996, 57.8732,
60.4286

■ 24.6869, 32.5471,
57.2064

■ 62.9246, 62.4093,
60.9550

■ 23.6499, 31.1240,
56.9863

■ 70.2707, 67.3412,
61.5198

■ 23.1216, 30.3010,
56.8553

■ 73.7272, 70.2921,
61.9072

■ 74.5311, 71.8999,
62.1751

■ 75.3515, 73.5406,
62.4486

Harmonies

Analogous

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



35.4382, 43.4293, 49.3895



36.5187, 43.4293, 58.6825



38.8829, 43.4293, 65.4860

Triad

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



36.5187, 43.4293, 58.6825



47.2213, 43.4293, 54.6350



40.5590, 43.4293, 31.7935

Complementary

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



36.5187, 43.4293, 58.6825



36.3197, 32.3977, 25.4592

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.



43.7700, 43.4293, 32.8171



36.5187, 43.4293, 58.6825



47.7271, 43.4293, 45.2453

Square

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



36.5187, 43.4293, 58.6825



45.0859, 43.4293, 62.9454



46.4344, 43.4293, 37.4716



37.6912, 43.4293, 34.4682

Rectangle

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



36.5187, 43.4293, 58.6825



40.9256, 43.4293, 67.2565



46.4344, 43.4293, 37.4716



41.6329, 43.4293, 31.7224

Sweetspot

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



36.5200, 43.4310, 58.6835



84.9423, 92.7991, 108.0428



33.6730, 46.1170, 31.9001



17.8984, 19.6579, 23.1010



0.0000, 0.0000, 0.0000



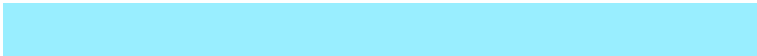
20.3446, 21.4041, 23.3091

Same Dimension

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



36.5200, 43.4310, 58.6835



61.7623, 75.1432, 105.8566



30.5783, 31.5476, 56.7029



10.2211, 11.1335, 12.8951



14.9107, 19.5779, 36.5496



0.6831, 0.9235, 1.5921

Inverse Universe

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



39.5056, 31.2049, 49.8418



68.0643, 50.2157, 86.9965



41.7195, 43.1972, 27.2592



10.4229, 10.2178, 12.3175



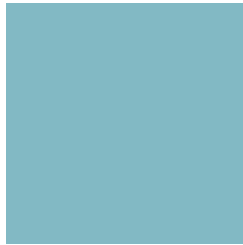
18.9222, 9.2586, 23.3001



0.8372, 0.4079, 1.1099

Previews

White Background



This preview shows how the XYZ color 36.5187, 43.4293, 58.6825 looks on a white background.

Color Contrast Check

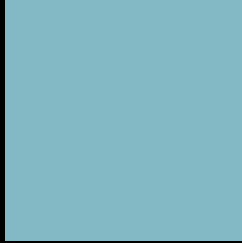
Large Text (above 18pt) WCAG AA × Fail

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 36.5187, 43.4293, 58.6825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

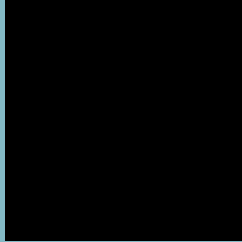
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.5187, 43.4293, 58.6825

Background



This preview shows how black text looks on a background with the XYZ color 36.5187, 43.4293, 58.6825.



This preview shows how white text looks on a background with the XYZ color 36.5187, 43.4293,

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

36.5187, 43.4293, 58.6825

Protanopia

41.7769, 42.9449, 54.2314

Deuteranopia

43.9278, 43.0731, 60.0315



Tritanopia

36.8094, 43.2298, 60.4370

Trichromacy



Original Color

36.5187, 43.4293, 58.6825

Protanomaly

39.5354, 42.9157, 56.0690

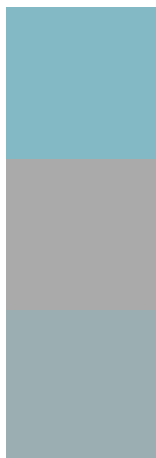
Deuteranomaly

40.6187, 42.8093, 59.5483

Tritanomaly

36.6936, 43.1835, 59.8274

Monochromacy



Original Color

36.5187, 43.4293, 58.6825

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

36.9842, 40.8832, 48.5898

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5187, 43.4293, 58.6825 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(130, 185, 196)` looks like.

```
.text, #text, p{  
    color:rgb(130, 185, 196)  
}
```

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(130, 185, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 185, 196) }
```

Border

The CSS property to change the border of an element to XYZ 36.5187, 43.4293, 58.6825 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(130, 185, 196) }
```


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

```
.border{ border-color:rgb(130, 185, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 185, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 185, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 185, 196);  
box-shadow:4px 4px 4px 4px rgb(130, 185,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5187, 43.4293, 58.6825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 185, 196) }
```

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

```
.background{ background-color: rgb(130,  
185, 196) }
```

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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