

Converting Colors

XYZ(36.4554, 45.5000, 53.7066)

Have a look what the booklet for
XYZ(36.4554, 45.5000, 53.7066)
contains.

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Color

**XYZ(36.5025, 45.4387,
53.8604)**

Conversions

Conversions Part 1

Format	Color
Hex	80BFBB
RGB	128, 191, 187
RGB Percent	50%, 75%, 73%
CMY	0.4980, 0.2510, 0.2667
CMYK	0.33, 0.00, 0.02, 0.25
HSL	176°, 33%, 63%
HSV	176°, 33%, 75%
XYZ	36.5025, 45.4387, 53.8604
YIQ	171.7070, -36.2640, -14.6000

Conversions

Conversions Part 2

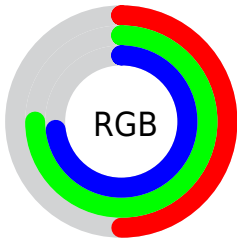
Format	Color
RYB	128, 161, 191
Decimal	8437691
CIELab	73.18, -20.96, -4.41
CIELCh	73, 21.417, 191.896
Yxy	45.4387, 0.2688, 0.3346
Android (android.graphics.Color)	4286627771 (0xFF80BFBB)
YUV	171.7070, 7.5394, -38.3310
Hunter-Lab	67.4082, -21.3042, -0.1880

Details

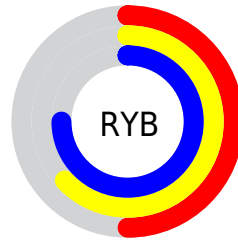
The XYZ color **36.5025, 45.4387, 53.8604** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.3714, 28.1818, 25.5122**, and the grayscale version is **39.0419, 41.0751, 44.7308**.

A 20% lighter version of the original color is **69.2735, 83.6731, 97.2935**, and **16.1504, 21.1084, 25.7774** is the 20% darker color. If you saturate the color by 10%, you get **33.7666, 44.0444, 53.0580**, and if you desaturate by 10%, it is **39.7829, 47.1159, 54.6959**.

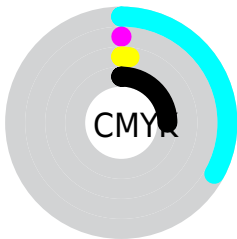
Distribution



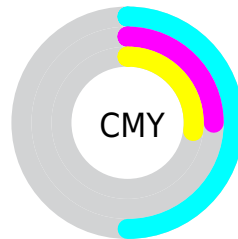
- Red (50%)
- Green (75%)
- Blue (73%)



- Red (50%)
- Yellow (63%)
- Blue (75%)



- Cyan (33%)
- Magenta (0%)
- Yellow (2%)
- Black (25%)





- Cyan (50%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.5025, 45.4387, 53.8604 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 36.5025, 45.4387, 53.8604 by changing the saturation by 10% instead.


 36.5025, 45.4387,
53.8604


 36.5025, 45.4387,
53.8604


322.5446,
368.5474, 418.7370


 24.9944, 31.8031,
38.0976


 69.1258, 83.3783,
97.3236

 16.2016, 21.2112,
25.7561


 90.9717, 108.4512,
125.8611

 9.7587, 13.2784,
16.4171


 116.9943,
138.1052, 159.4939

 5.3003, 7.6206,
9.6622

147.5589,
172.7249, 198.6406

 2.4611, 3.8531,
5.0729

183.0309,
212.6945, 243.7198

 0.8757, 1.5917,
2.2306

223.7756,

 0.0000, 0.3520,

258.3986, 295.1498

0.6920

270.1584,
310.2214, 353.3494

■ 0.0000, 0.0000,
0.0000

■ 36.5025, 45.4387,
53.8604

■ 36.5025, 45.4387,
53.8604

■ 33.7666, 44.0444,
53.0580

■ 39.7829, 47.1159,
54.6959

■ 31.5409, 42.9118,
52.2843

■ 43.6320, 49.0849,
55.5629

■ 29.7932, 42.0255,
51.5386

■ 48.0770, 51.3611,
56.4634

■ 28.4861, 41.3663,
50.8192

■ 53.1426, 53.9571,
57.3988

■ 27.5767, 40.9119,
50.1241

■ 58.8519, 56.8847,
58.3701

■ 27.0134, 40.6358,
49.4509

■ 65.2267, 60.1553,
59.3784

■ 26.7551, 40.5126,
48.9884

■ 69.7781, 62.4858,
60.3071

■ 69.9163, 62.5411,
61.0351

■ 70.0557, 62.5969,
61.7690

Harmonies

Analogous

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



36.6836, 45.4387, 43.3249



36.5025, 45.4387, 53.8604



38.0346, 45.4387, 64.6049

Triad

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



36.5025, 45.4387, 53.8604



48.1903, 45.4387, 66.5144



45.4703, 45.4387, 32.3112

Complementary

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



36.5025, 45.4387, 53.8604



33.3714, 28.1818, 25.5122

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.



48.7874, 45.4387, 36.9135



36.5025, 45.4387, 53.8604



50.4193, 45.4387, 56.1812

Square

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



36.5025, 45.4387, 53.8604



44.6934, 45.4387, 72.5876



50.6440, 45.4387, 45.3344



41.7170, 45.4387, 31.8771

Rectangle

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



36.5025, 45.4387, 53.8604



39.8761, 45.4387, 70.0440



50.6440, 45.4387, 45.3344



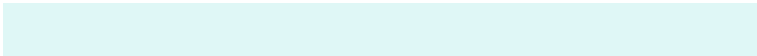
46.6787, 45.4387, 33.3874

Sweetspot

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



36.5038, 45.4405, 53.8614



80.2814, 89.0029, 99.9587



32.0754, 43.7437, 27.1756



17.3902, 19.4219, 21.9002



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



36.5038, 45.4405, 53.8614



61.5418, 79.4247, 95.3566



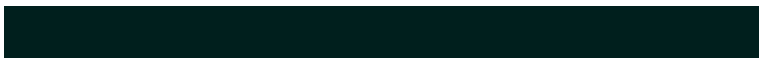
31.5292, 34.7959, 54.3469



9.7817, 10.7988, 12.0999



17.5937, 26.6278, 32.2527



0.6971, 1.0462, 1.3054

Inverse Universe

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



33.3714, 28.1818, 25.5122



55.0265, 43.5029, 36.3731



37.1550, 36.1790, 25.4478



9.5541, 9.5459, 10.0409



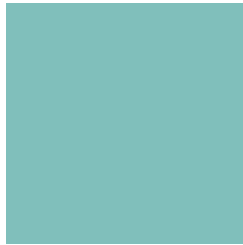
14.1753, 7.3013, 0.9506



0.5638, 0.2894, 0.0820

Previews

White Background



This preview shows how the XYZ color 36.5025, 45.4387, 53.8604 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 36.5025, 45.4387, 53.8604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

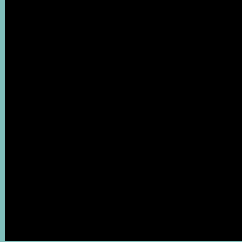
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.5025, 45.4387, 53.8604

Background



This preview shows how black text looks on a background with the XYZ color 36.5025, 45.4387, 53.8604.

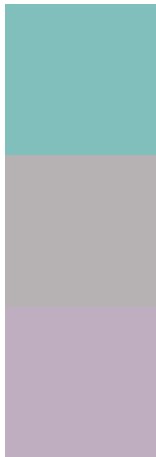


This preview shows how white text looks on a background with the XYZ color 36.5025, 45.4387,

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

36.5025, 45.4387, 53.8604

Protanopia

43.3485, 45.0405, 49.0568

Deuteranopia

46.0259, 45.1101, 55.5715



Tritanopia

38.3980, 45.2316, 63.8335

Trichromacy



Original Color

36.5025, 45.4387, 53.8604

Protanomaly

40.2773, 44.9258, 50.8047

Deuteranomaly

41.7640, 44.6851, 55.1391

Tritanomaly

37.7507, 45.2977, 60.1797

Monochromacy



Original Color

36.5025, 45.4387, 53.8604

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

37.7662, 42.4824, 47.8044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5025, 45.4387, 53.8604 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(128, 191, 187)` looks like.

```
.text, #text, p{  
    color:rgb(128, 191, 187)  
}
```

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(128, 191, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 191, 187) }
```

Border

The CSS property to change the border of an element to XYZ 36.5025, 45.4387, 53.8604 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(128, 191, 187) }
```


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

```
.border{ border-color:rgb(128, 191, 187) }
```

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

Here you see how a box with a 4 pixel rgb(128, 191, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 191, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 191, 187);  
box-shadow:4px 4px 4px 4px rgb(128, 191,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5025, 45.4387, 53.8604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 191, 187) }
```

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

```
.background{ background-color: rgb(128,  
191, 187) }
```

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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