

Converting Colors

XYZ(36.0381, 44.4943, 50.7691)

Have a look what the booklet for
XYZ(36.0381, 44.4943, 50.7691)
contains.

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Color

**XYZ(36.1568, 44.6781,
50.9740)**

Conversions

Conversions Part 1

Format	Color
Hex	84BDB6
RGB	132, 189, 182
RGB Percent	52%, 74%, 71%
CMY	0.4823, 0.2588, 0.2863
CMYK	0.30, 0.00, 0.04, 0.26
HSL	173°, 30%, 63%
HSV	173°, 30%, 74%
XYZ	36.1568, 44.6781, 50.9740
YIQ	171.1590, -31.7250, -14.2610

Conversions

Conversions Part 2

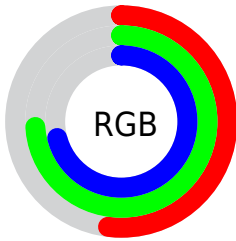
Format	Color
RYB	132, 162, 189
Decimal	8699318
CIELab	72.68, -19.95, -2.40
CIELCh	73, 20.095, 186.860
Yxy	44.6781, 0.2743, 0.3390
Android (android.graphics.Color)	4286889398 (0xFF84BDB6)
YUV	171.1590, 5.3446, -34.3424
Hunter-Lab	66.8417, -20.4166, 1.5741

Details

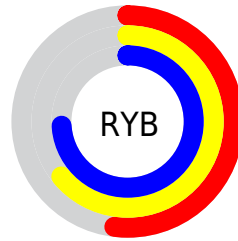
The XYZ color **36.1568, 44.6781, 50.9740** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.8993, 29.1867, 28.2748**, and the grayscale version is **38.7750, 40.7943, 44.4250**.

A 20% lighter version of the original color is **68.5785, 82.0427, 93.1103**, and **16.0749, 20.8988, 23.9555** is the 20% darker color. If you saturate the color by 10%, you get **33.2271, 43.1964, 49.5955**, and if you desaturate by 10%, it is **39.6285, 46.4410, 52.4005**.

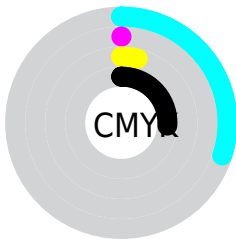
Distribution



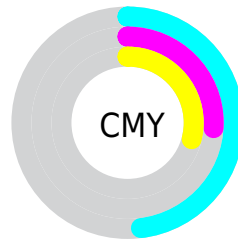
- Red (52%)
- Green (74%)
- Blue (71%)



- Red (52%)
- Yellow (64%)
- Blue (74%)



- Cyan (30%)
- Magenta (0%)
- Yellow (4%)
- Black (26%)



- Cyan (48%)
- Magenta (26%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.1568, 44.6781, 50.9740 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 36.1568, 44.6781, 50.9740 by changing the saturation by 10% instead.

■ 36.1568, 44.6781,
50.9740

■ 36.1568, 44.6781,
50.9740

321.0647,
365.4683, 407.3064

■ 24.7260, 31.2040,
35.8113

■ 68.5963, 82.2372,
93.0274

■ 16.0007, 20.7542,
24.0000

■ 90.3357, 107.0909,
120.7553

■ 9.6155, 12.9445,
15.1214

■ 116.2420,
136.5065, 153.5086

■ 5.2051, 7.3903,
8.7571

146.6806,
170.8686, 191.7060

■ 2.4041, 3.7074,
4.4884

182.0168,
210.5614, 235.7659

■ 0.8471, 1.5113,
1.8969

222.6160,

■ 0.0000, 0.2966,

255.9693, 286.1069

0.4908

268.8435,
307.4768, 343.1476

■ 0.0000, 0.0000,
0.0000

■ 36.1568, 44.6781,
50.9740

■ 36.1568, 44.6781,
50.9740

■ 33.2271, 43.1964,
49.5955

■ 39.6285, 46.4410,
52.4005

■ 30.8067, 41.9757,
48.2606

■ 43.6651, 48.4935,
53.8734

■ 28.8650, 41.0013,
46.9686

■ 48.2928, 50.8503,
55.3950

■ 27.3669, 40.2552,
45.7179

■ 53.5353, 53.5236,
56.9663

■ 26.2723, 39.7165,
44.5064

■ 59.4146, 56.5247,
58.5886

■ 25.5336, 39.3610,
43.3319

■ 65.9519, 59.8645,
60.2630

■ 25.0616, 39.1420,
42.2076

■ 69.6607, 61.7457,
61.8264

■ 69.9311, 61.8538,
63.2502

■ 70.2056, 61.9636,
64.6958

Harmonies

Analogous

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



36.5996, 44.6781, 41.4918



36.1568, 44.6781, 50.9740



37.3288, 44.6781, 61.0836

Triad

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



36.1568, 44.6781, 50.9740



46.6107, 44.6781, 65.6638



45.1519, 44.6781, 33.0550

Complementary

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



36.1568, 44.6781, 50.9740



33.8993, 29.1867, 28.2748

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.



48.0523, 44.6781, 38.0243



36.1568, 44.6781, 50.9740



48.9262, 44.6781, 56.5805

Square

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



36.1568, 44.6781, 50.9740



43.2702, 44.6781, 70.2833



49.4677, 44.6781, 46.3916



41.6703, 44.6781, 31.9803

Rectangle

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



36.1568, 44.6781, 50.9740



38.9080, 44.6781, 66.5399



49.4677, 44.6781, 46.3916



46.2328, 44.6781, 34.2888

Sweetspot

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



36.1581, 44.6799, 50.9750



78.9930, 87.2514, 96.7559



33.1117, 43.6037, 28.5018



16.7432, 18.6389, 20.7228



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



36.1581, 44.6799, 50.9750



61.2802, 78.2580, 89.6978



32.7235, 36.6234, 53.4904



9.7568, 10.7888, 11.9685



16.8806, 26.3425, 28.4980



0.6756, 1.0376, 1.1920

Inverse Universe

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



33.8993, 29.1867, 28.2748



56.6092, 46.1881, 42.7326



36.5275, 35.2359, 26.7067



9.5766, 9.5549, 10.1593



14.2414, 7.3277, 1.2989



0.5737, 0.2934, 0.1343

Previews

White Background



This preview shows how the XYZ color 36.1568, 44.6781, 50.9740 looks on a white background.

Color Contrast Check

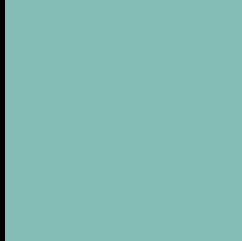
Large Text (above 18pt) WCAG AA × Fail

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 36.1568, 44.6781, 50.9740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

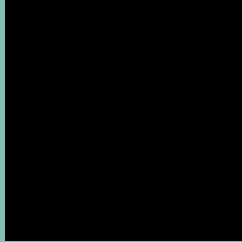
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.1568, 44.6781, 50.9740

Background



This preview shows how black text looks on a background with the XYZ color 36.1568, 44.6781, 50.9740.



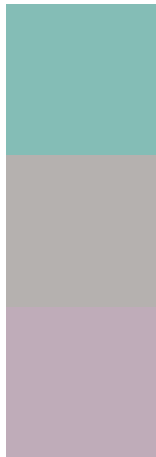
This preview shows how white text looks on a background with the XYZ color 36.1568, 44.6781,

50.9740.

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

36.1568, 44.6781, 50.9740

Protanopia

42.5161, 44.3632, 46.8796

Deuteranopia

44.9953, 44.0842, 52.0365



Tritanopia

38.2549, 44.5691, 61.8448

Trichromacy



Original Color

36.1568, 44.6781, 50.9740

Protanomaly

39.6640, 44.0486, 48.5312

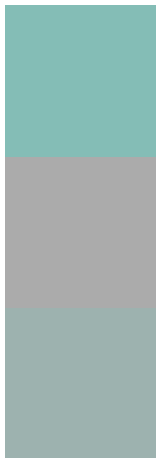
Deuteranomaly

41.1497, 43.8475, 51.6420

Tritanomaly

37.4996, 44.5866, 57.6686

Monochromacy



Original Color

36.1568, 44.6781, 50.9740

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

37.5629, 42.1040, 46.7046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1568, 44.6781, 50.9740 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(132, 189, 182)` looks like.

```
.text, #text, p{  
    color:rgb(132, 189, 182)  
}
```

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(132, 189, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 189, 182) }
```

Border

The CSS property to change the border of an element to XYZ 36.1568, 44.6781, 50.9740 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(132, 189, 182) }
```


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

```
.border{ border-color:rgb(132, 189, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 189, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 189, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 189, 182);  
box-shadow:4px 4px 4px 4px rgb(132, 189,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1568, 44.6781, 50.9740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 189, 182) }
```

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

```
.background{ background-color: rgb(132,  
189, 182) }
```

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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