

Converting Colors

XYZ(36.4410, 43.6330, 52.5198)

Have a look what the booklet for
XYZ(36.4410, 43.6330, 52.5198)
contains.

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Color

**XYZ(36.4224, 43.5191,
52.3793)**

Conversions

Conversions Part 1

Format	Color
Hex	89B9B9
RGB	137, 185, 185
RGB Percent	54%, 73%, 73%
CMY	0.4627, 0.2745, 0.2745
CMYK	0.26, 0.00, 0.00, 0.27
HSL	180°, 26%, 63%
HSV	180°, 26%, 73%
XYZ	36.4224, 43.5191, 52.3793
YIQ	170.6480, -28.6080, -10.1760

Conversions

Conversions Part 2

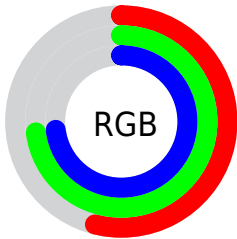
Format	Color
RYB	137, 161, 185
Decimal	9025977
CIELab	71.91, -15.73, -5.15
CIELCh	72, 16.553, 198.120
Yxy	43.5191, 0.2753, 0.3289
Android (android.graphics.Color)	4287216057 (0xFF89B9B9)
YUV	170.6480, 7.0755, -29.5093
Hunter-Lab	65.9690, -16.8934, -0.8979

Details

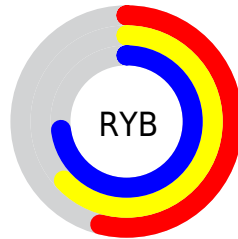
The XYZ color **36.4224, 43.5191, 52.3793** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.4701, 30.0129, 27.6975**, and the grayscale version is **38.5091, 40.5146, 44.1204**.

A 20% lighter version of the original color is **69.0707, 80.4679, 95.1105**, and **16.1624, 20.0998, 24.8576** is the 20% darker color. If you saturate the color by 10%, you get **33.6462, 42.0891, 52.2498**, and if you desaturate by 10%, it is **39.7211, 45.2207, 52.5351**.

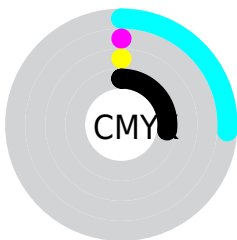
Distribution



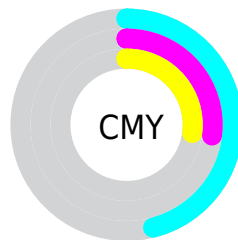
- Red (54%)
- Green (73%)
- Blue (73%)



- Red (54%)
- Yellow (63%)
- Blue (73%)



- Cyan (26%)
- Magenta (0%)
- Yellow (0%)
- Black (27%)



- Cyan (46%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.4224, 43.5191, 52.3793 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 36.4224, 43.5191, 52.3793 by changing the saturation by 10% instead.

■ 36.4224, 43.5191,
52.3793

■ 36.4224, 43.5191,
52.3793

322.2022,
360.7422, 412.8977

■ 24.9322, 30.2926,
36.9232

■ 69.0031, 80.4936,
95.1227

■ 16.1550, 20.0608,
24.8527

■ 90.8244, 105.0104,
123.2470

■ 9.7255, 12.4392,
15.7493

■ 116.8201,
134.0595, 156.4311

■ 5.2782, 7.0436,
9.1945

147.3556,
168.0252, 195.0936

■ 2.4478, 3.4894,
4.7697

182.7961,
207.2919, 239.6529

■ 0.8690, 1.3922,
2.0564

223.5072,

■ 0.0000, 0.2110,

252.2441, 290.5277

0.5897

269.8541,
303.2661, 348.1365

■ 0.0000, 0.0000,
0.0000

■ 36.4224, 43.5191,
52.3793

■ 36.4224, 43.5191,
52.3793

■ 33.6462, 42.0891,
52.2498

■ 39.7211, 45.2207,
52.5351

■ 31.3623, 40.9116,
52.1424

■ 43.5632, 47.2014,
52.7155

■ 29.5429, 39.9738,
52.0567

■ 47.9730, 49.4747,
52.9224

■ 28.1564, 39.2590,
51.9913

■ 52.9722, 52.0519,
53.1569

■ 27.1667, 38.7488,
51.9444

■ 58.5814, 54.9435,
53.4199

■ 26.5322, 38.4217,
51.9142

■ 64.8203, 58.1598,
53.7124

■ 26.2000, 38.2505,
51.8981

■ 67.3476, 59.4626,
53.8312

■ 26.1061, 38.2020,
51.8935

■ 67.3477, 59.4627,
53.8317

■ 67.3478, 59.4627,
53.8323

Harmonies

Analogous

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



36.2823, 43.5191, 44.2602



36.4224, 43.5191, 52.3793



37.8492, 43.5191, 59.9096

Triad

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



36.4224, 43.5191, 52.3793



45.5325, 43.5191, 58.5232



42.4896, 43.5191, 33.7580

Complementary

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



36.4224, 43.5191, 52.3793



33.4701, 30.0129, 27.6975

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.



45.0891, 43.5191, 36.7401



36.4224, 43.5191, 52.3793



46.8985, 43.5191, 50.6534

Square

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



36.4224, 43.5191, 52.3793



43.0726, 43.5191, 63.7248



46.7326, 43.5191, 42.7185



39.7004, 43.5191, 34.1081

Rectangle

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



36.4224, 43.5191, 52.3793



39.3761, 43.5191, 63.3013



46.7326, 43.5191, 42.7185



43.4169, 43.5191, 34.3887

Sweetspot

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



36.4237, 43.5209, 52.3803



76.4294, 83.7146, 94.3341



32.3137, 41.8921, 30.0505



16.2474, 17.9290, 20.3257



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



36.4237, 43.5209, 52.3803



62.3538, 76.4585, 93.6732



31.9598, 34.5927, 50.8936



9.2667, 10.2107, 11.5618



17.7751, 26.0110, 35.3333



0.6266, 0.9170, 1.2456

Inverse Universe

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



33.4701, 30.0129, 27.6975



56.1873, 48.2562, 42.1400



37.1300, 37.3329, 28.9166



9.0047, 9.0122, 9.3719



13.6234, 7.0231, 0.6378



0.4803, 0.2476, 0.0225

Previews

White Background



This preview shows how the XYZ color 36.4224, 43.5191, 52.3793 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 36.4224, 43.5191, 52.3793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

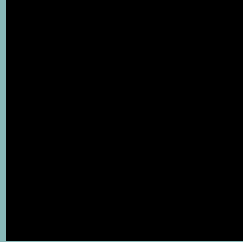
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.4224, 43.5191, 52.3793

Background



This preview shows how black text looks on a background with the XYZ color 36.4224, 43.5191, 52.3793.

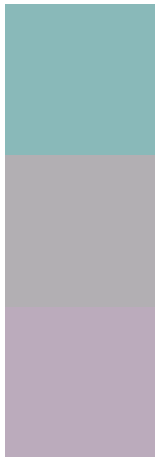


This preview shows how white text looks on a background with the XYZ color 36.4224, 43.5191,

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

36.4224, 43.5191, 52.3793

Protanopia

41.8268, 43.3796, 48.8164

Deuteranopia

44.1335, 43.3215, 53.6127



Tritanopia

37.9417, 43.5196, 59.8265

Trichromacy



Original Color

36.4224, 43.5191, 52.3793

Protanomaly

39.5648, 43.3629, 50.0007

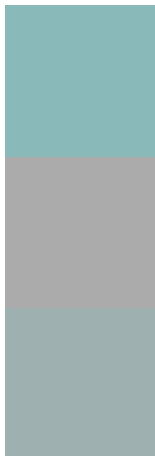
Deuteranomaly

40.8572, 43.0735, 53.1743

Tritanomaly

37.4136, 43.6202, 56.8997

Monochromacy



Original Color

36.4224, 43.5191, 52.3793

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

37.6599, 41.5562, 47.1106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4224, 43.5191, 52.3793 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(137, 185, 185)` looks like.

```
.text, #text, p{  
    color:rgb(137, 185, 185)  
}
```

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(137, 185, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 185, 185) }
```

Border

The CSS property to change the border of an element to XYZ 36.4224, 43.5191, 52.3793 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(137, 185, 185) }
```


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

```
.border{ border-color:rgb(137, 185, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 185, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 185, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 185, 185);  
box-shadow:4px 4px 4px 4px rgb(137, 185,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4224, 43.5191, 52.3793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 185, 185) }
```

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

```
.background{ background-color: rgb(137,  
185, 185) }
```

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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