

Converting Colors

XYZ(35.5887, 42.0987, 42.2064)

Have a look what the booklet for
XYZ(35.5887, 42.0987, 42.2064)
contains.

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Color

**XYZ(35.6196, 42.0968,
42.3245)**

Conversions

Conversions Part 1

Format	Color
Hex	94B5A6
RGB	148, 181, 166
RGB Percent	58%, 71%, 65%
CMY	0.4196, 0.2902, 0.3490
CMYK	0.18, 0.00, 0.08, 0.29
HSL	153°, 18%, 65%
HSV	153°, 18%, 71%
XYZ	35.6196, 42.0968, 42.3245
YIQ	169.4230, -14.8530, -11.6610

Conversions

Conversions Part 2

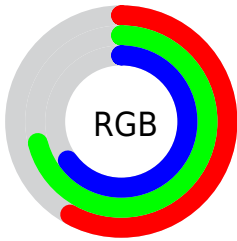
Format	Color
RYB	148, 169, 181
Decimal	9745830
CIELab	70.94, -14.25, 3.93
CIELCh	71, 14.779, 164.577
Yxy	42.0968, 0.2967, 0.3507
Android (android.graphics.Color)	4287935910 (0xFF94B5A6)
YUV	169.4230, -1.6875, -18.7880
Hunter-Lab	64.8820, -15.5489, 6.7408

Details

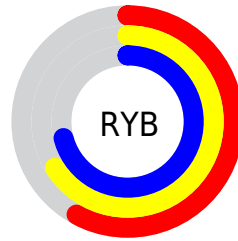
The XYZ color **35.6196, 42.0968, 42.3245** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.2584, 33.6491, 39.2363**, and the grayscale version is **37.9359, 39.9116, 43.4637**.

A 20% lighter version of the original color is **67.6925, 78.3454, 79.9610**, and **15.6862, 19.1946, 18.7978** is the 20% darker color. If you saturate the color by 10%, you get **31.8675, 40.2481, 38.3345**, and if you desaturate by 10%, it is **39.9344, 44.2323, 46.5948**.

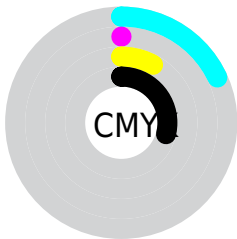
Distribution



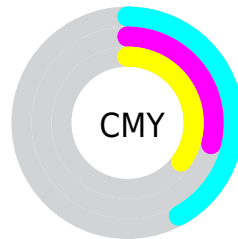
- Red (58%)
- Green (71%)
- Blue (65%)



- Red (58%)
- Yellow (66%)
- Blue (71%)



- Cyan (18%)
- Magenta (0%)
- Yellow (8%)
- Black (29%)



- Cyan (42%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.6196, 42.0968, 42.3245 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 35.6196, 42.0968, 42.3245 by changing the saturation by 10% instead.

■ 35.6196, 42.0968,
42.3245

■ 35.6196, 42.0968,
42.3245

318.7551,
354.8841, 371.6656

■ 24.3093, 29.1771,
29.0280

■ 67.7722, 78.3461,
79.9659

■ 15.6892, 19.2148,
18.8562

■ 89.3453, 102.4445,
105.1479

■ 9.3939, 11.8256,
11.3907

115.0700,
131.0379, 135.1287

■ 5.0582, 6.6250,
6.2128

145.3116,
164.5107, 170.3271

■ 2.3165, 3.2287,
2.9040

180.4356,
203.2474, 211.1614

■ 0.8031, 1.2523,
1.0458

220.8073,

■ 0.0000, 0.1038,

247.6322, 258.0502

0.0000

266.7920,
298.0496, 311.4121

■ 0.0000, 0.0000,
0.0000

■ 35.6196, 42.0968,
42.3245

■ 35.6196, 42.0968,
42.3245

■ 31.8675, 40.2481,
38.3345

■ 39.9344, 44.2323,
46.5948

■ 28.6499, 38.6683,
34.6160

■ 44.8313, 46.6610,
51.1481

■ 25.9414, 37.3457,
31.1641

■ 50.3333, 49.3959,
55.9909

■ 23.7132, 36.2653,
27.9723

■ 56.4610, 52.4475,
61.1284

■ 21.9333, 35.4110,
25.0341

■ 63.2339, 55.8257,
66.5658

■ 20.5658, 34.7641,
22.3424

■ 70.0781, 59.2347,
72.2803

■ 19.5686, 34.3033,
19.8899

■ 71.1649, 59.6694,
78.0032

■ 18.8734, 33.9934,
17.6676

■ 72.3057, 60.1257,
84.0103

■ 18.7634, 33.9448,
17.2975

■ 73.5012, 60.6039,
90.3057

Harmonies

Analogous

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



36.7803, 42.0968, 36.8415



35.6196, 42.0968, 42.3245



35.6029, 42.0968, 49.3339

Triad

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



35.6196, 42.0968, 42.3245



41.2151, 42.0968, 60.2492



43.4793, 42.0968, 36.9639

Complementary

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



35.6196, 42.0968, 42.3245



36.2584, 33.6491, 39.2363

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.



44.7704, 42.0968, 42.5080



35.6196, 42.0968, 42.3245



43.4272, 42.0968, 56.1874

Square

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



35.6196, 42.0968, 42.3245



38.7660, 42.0968, 60.1871



44.7509, 42.0968, 49.5371



41.2839, 42.0968, 33.9697

Rectangle

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



35.6196, 42.0968, 42.3245



36.2392, 42.0968, 53.9690



44.7509, 42.0968, 49.5371



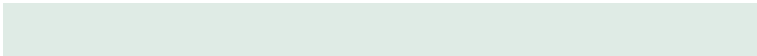
44.0374, 42.0968, 38.5646

Sweetspot

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



35.6208, 42.0986, 42.3254



74.1656, 80.5273, 85.9592



37.0569, 43.0166, 34.3677



15.9024, 17.3416, 18.4587



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



35.6208, 42.0986, 42.3254



60.8946, 73.9637, 72.7854



36.8558, 42.2361, 49.9279



8.5764, 9.5650, 10.0287



12.9699, 23.4139, 12.1102



0.4371, 0.7483, 0.5336

Inverse Universe

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



36.2584, 33.6491, 39.2363



62.2554, 55.9343, 66.1951



35.1660, 33.4896, 32.6285



8.6516, 8.5674, 9.6639



14.2283, 7.2089, 6.3622



0.4772, 0.2386, 0.3558

Previews

White Background



This preview shows how the XYZ color 35.6196, 42.0968, 42.3245 looks on a white background.

Color Contrast Check

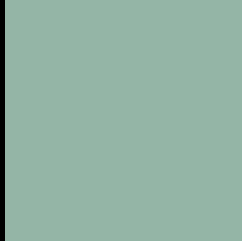
Large Text (above 18pt) WCAG AA × Fail

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 35.6196, 42.0968, 42.3245 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 35.6196, 42.0968, 42.3245

Background



This preview shows how black text looks on a background with the XYZ color 35.6196, 42.0968, 42.3245.



This preview shows how white text looks on a background with the XYZ color 35.6196, 42.0968,

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

35.6196, 42.0968, 42.3245

Protanopia

39.9670, 42.0441, 39.7270

Deuteranopia

42.7184, 41.7085, 43.3352



Tritanopia

38.2630, 41.9782, 55.3761

Trichromacy



Original Color

35.6196, 42.0968, 42.3245

Protanomaly

38.2846, 42.0198, 40.7432

Deuteranomaly

39.7249, 41.5623, 42.9744

Tritanomaly

37.1264, 41.7975, 50.3669

Monochromacy



Original Color

35.6196, 42.0968, 42.3245

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

36.7094, 40.2914, 42.8880

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6196, 42.0968, 42.3245 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(148, 181, 166)` looks like.

```
.text, #text, p{  
    color:rgb(148, 181, 166)  
}
```

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(148, 181, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 181, 166) }
```

Border

The CSS property to change the border of an element to XYZ 35.6196, 42.0968, 42.3245 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(148, 181, 166) }
```


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

```
.border{ border-color:rgb(148, 181, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 181, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 181, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 181, 166);  
box-shadow:4px 4px 4px 4px rgb(148, 181,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6196, 42.0968, 42.3245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 181, 166) }
```

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

```
.background{ background-color: rgb(148,  
181, 166) }
```

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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