

Converting Colors

XYZ(36.6212, 42.2909, 48.1769)

Have a look what the booklet for
XYZ(36.6212, 42.2909, 48.1769)
contains.

XYZ(36.5699, 42.1528, 48.3283)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(36.5699, 42.1528,
48.3283)**

Conversions

Conversions Part 1

Format	Color
Hex	94B4B2
RGB	148, 180, 178
RGB Percent	58%, 71%, 70%
CMY	0.4196, 0.2941, 0.3020
CMYK	0.18, 0.00, 0.01, 0.29
HSL	176°, 18%, 64%
HSV	176°, 18%, 71%
XYZ	36.5699, 42.1528, 48.3283
YIQ	170.2040, -18.4300, -7.4060

Conversions

Conversions Part 2

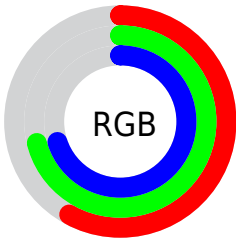
Format	Color
RYB	148, 165, 180
Decimal	9745586
CIELab	70.98, -11.23, -2.60
CIElCh	71, 11.532, 193.041
Yxy	42.1528, 0.2878, 0.3318
Android (android.graphics.Color)	4287935666 (0xFF94B4B2)
YUV	170.2040, 3.8434, -19.4729
Hunter-Lab	64.9252, -13.0768, 1.3140

Details

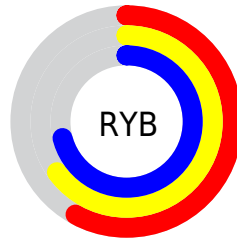
The XYZ color **36.5699, 42.1528, 48.3283** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.9189, 33.0863, 33.4019**, and the grayscale version is **38.2992, 40.2938, 43.8799**.

A 20% lighter version of the original color is **69.2039, 78.4880, 89.3442**, and **16.2208, 19.2008, 22.2532** is the 20% darker color. If you saturate the color by 10%, you get **33.4515, 40.5593, 47.5952**, and if you desaturate by 10%, it is **40.1980, 44.0111, 49.0919**.

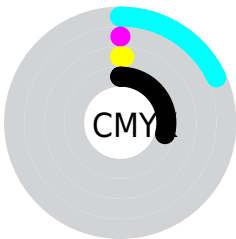
Distribution



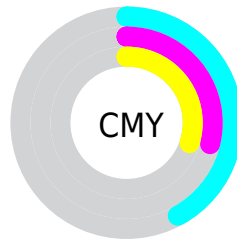
- Red (58%)
- Green (71%)
- Blue (70%)



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



- Cyan (18%)
- Magenta (0%)
- Yellow (1%)
- Black (29%)



- Cyan (42%)
- Magenta (29%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.5699, 42.1528, 48.3283 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 36.5699, 42.1528, 48.3283 by changing the saturation by 10% instead.

■ 36.5699, 42.1528,
48.3283

■ 36.5699, 42.1528,
48.3283

322.8326,
355.1160, 396.6381

■ 25.0468, 29.2210,
33.7251

■ 69.2289, 78.4308,
89.0636

■ 16.2408, 19.2480,
22.4069

■ 91.0956, 102.5458,
116.0329

■ 9.7867, 11.8496,
13.9550

117.1408,
131.1573, 147.9612

■ 5.3189, 6.6414,
7.9510

147.7299,
164.6496, 185.2672

■ 2.4722, 3.2388,
3.9763

183.2283,
203.4073, 228.3693

■ 0.8813, 1.2577,
1.6123

224.0013,

■ 0.0000, 0.1081,

247.8146, 277.6861

0.2996

270.4143,
298.2561, 333.6362

■ 0.0000, 0.0000,
0.0000

■ 36.5699, 42.1528,
48.3283

■ 36.5699, 42.1528,
48.3283

■ 33.4515, 40.5593,
47.5952

■ 40.1980, 44.0111,
49.0919

■ 30.8158, 39.2135,
46.8886

■ 44.3540, 46.1404,
49.8841

■ 28.6390, 38.1041,
46.2084

■ 49.0596, 48.5529,
50.7070

■ 26.8934, 37.2169,
45.5531

■ 54.3343, 51.2586,
51.5613

■ 25.5488, 36.5364,
44.9214

■ 60.1965, 54.2672,
52.4481

■ 24.5709, 36.0447,
44.3117

■ 66.2937, 57.3967,
53.3507

■ 23.9196, 35.7213,
43.7220

■ 66.4129, 57.4444,
53.9786

■ 23.5325, 35.5341,
43.1495

■ 66.5330, 57.4925,
54.6113

■ 23.4590, 35.4989,
43.0235

■ 66.6541, 57.5409,
55.2491

Harmonies

Analogous

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



36.6315, 42.1528, 42.8774



36.5699, 42.1528, 48.3283



37.4230, 42.1528, 53.5103

Triad

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



36.5699, 42.1528, 48.3283



42.6418, 42.1528, 54.0793



41.1531, 42.1528, 36.4957

Complementary

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



36.5699, 42.1528, 48.3283



34.9189, 33.0863, 33.4019

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.



42.8284, 42.1528, 39.0428



36.5699, 42.1528, 48.3283



43.7066, 42.1528, 49.0556

Square

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



36.5699, 42.1528, 48.3283



40.9051, 42.1528, 57.0050



43.7759, 42.1528, 43.5491



39.2365, 42.1528, 36.3351

Rectangle

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



36.5699, 42.1528, 48.3283



38.4121, 42.1528, 55.9971



43.7759, 42.1528, 43.5491



41.7646, 42.1528, 37.0913

Sweetspot

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



36.5711, 42.1545, 48.3292



74.8173, 80.7880, 89.3913



34.2701, 41.2791, 34.1792



16.0620, 17.4055, 19.2994



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.



36.5711, 42.1545, 48.3292



64.1791, 75.3425, 87.1447



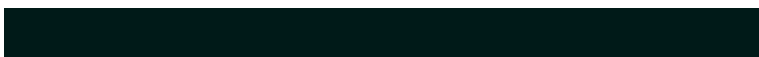
34.1127, 36.9135, 48.5092



8.7192, 9.6222, 10.7811



16.3815, 24.7786, 30.0753



0.5223, 0.7824, 0.9824

Inverse Universe

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



34.9189, 33.0863, 33.4019



60.6701, 56.0808, 55.4400



37.0661, 37.6366, 33.3287



8.5172, 8.5136, 8.9561



13.1893, 6.7933, 0.8910



0.4221, 0.2166, 0.0654

Previews

White Background



This preview shows how the XYZ color 36.5699, 42.1528, 48.3283 looks on a white background.

Color Contrast Check

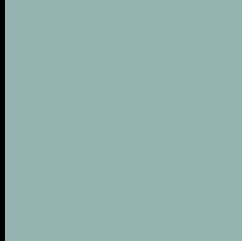
Large Text (above 18pt) WCAG AA × Fail

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 36.5699, 42.1528, 48.3283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

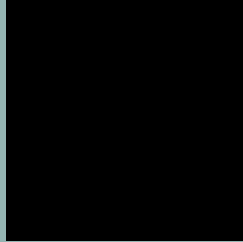
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.5699, 42.1528, 48.3283

Background



This preview shows how black text looks on a background with the XYZ color 36.5699, 42.1528, 48.3283.



This preview shows how white text looks on a background with the XYZ color 36.5699, 42.1528,

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

36.5699, 42.1528, 48.3283

Protanopia

40.2970, 41.7911, 45.9870

Deuteranopia

42.7344, 41.8653, 49.0085



Tritanopia

38.1973, 42.2259, 56.0064

Trichromacy



Original Color

36.5699, 42.1528, 48.3283

Protanomaly

38.7937, 41.8621, 46.5930

Deuteranomaly

40.1228, 41.6440, 48.5712

Tritanomaly

37.6674, 42.3121, 53.1955

Monochromacy



Original Color

36.5699, 42.1528, 48.3283

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.5792, 40.9706, 45.4626

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5699, 42.1528, 48.3283 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, 180, 178)` looks like.

```
.text, #text, p{  
    color:rgb(148, 180, 178)  
}
```

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, 180, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 180, 178) }
```

Border

The CSS property to change the border of an element to XYZ 36.5699, 42.1528, 48.3283 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, 180, 178) }
```


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

```
.border{ border-color:rgb(148, 180, 178) }
```

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

Here you see how a box with a 4 pixel rgb(148, 180, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 180, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 180, 178);  
box-shadow:4px 4px 4px 4px rgb(148, 180,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5699, 42.1528, 48.3283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 180, 178) }
```

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

```
.background{ background-color: rgb(148,  
180, 178) }
```

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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