

Converting Colors

XYZ(36.3285, 44.6204, 35.5407)

Have a look what the booklet for
XYZ(36.3285, 44.6204, 35.5407)
contains.

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Color

**XYZ(36.2242, 44.4181,
35.5185)**

Conversions

Conversions Part 1

Format	Color
Hex	98BB96
RGB	152, 187, 150
RGB Percent	60%, 73%, 59%
CMY	0.4039, 0.2666, 0.4118
CMYK	0.19, 0.00, 0.20, 0.27
HSL	117°, 21%, 66%
HSV	117°, 20%, 73%
XYZ	36.2242, 44.4181, 35.5185
YIQ	172.3170, -8.9830, -18.9270

Conversions

Conversions Part 2

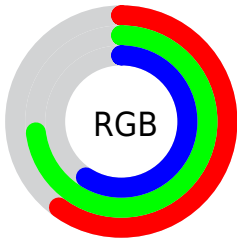
Format	Color
RYB	150, 187, 185
Decimal	10009494
CIELab	72.51, -18.98, 14.92
CIElCh	73, 24.146, 141.831
Yxy	44.4181, 0.3118, 0.3824
Android (android.graphics.Color)	4288199574 (0xFF98BB96)
YUV	172.3170, -11.0023, -17.8180
Hunter-Lab	66.6469, -19.6130, 15.0551

Details

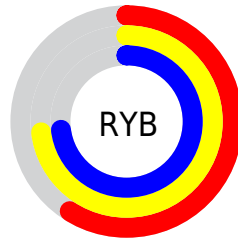
The XYZ color **36.2242, 44.4181, 35.5185** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.8856, 35.7162, 51.8079**, and the grayscale version is **39.4315, 41.4850, 45.1772**.

A 20% lighter version of the original color is **68.6818, 81.7262, 69.2816**, and **16.0328, 20.6604, 14.9472** is the 20% darker color. If you saturate the color by 10%, you get **31.7695, 42.2832, 28.0670**, and if you desaturate by 10%, it is **41.4155, 46.9075, 44.2608**.

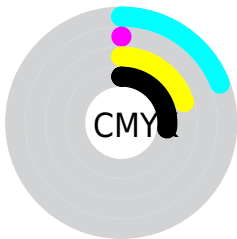
Distribution



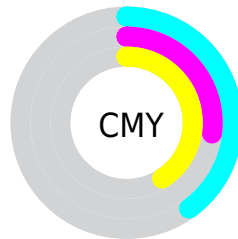
- Red (60%)
- Green (73%)
- Blue (59%)



- Red (59%)
- Yellow (73%)
- Blue (73%)



- Cyan (19%)
- Magenta (0%)
- Yellow (20%)
- Black (27%)



- Cyan (40%)
- Magenta (27%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.2242, 44.4181, 35.5185 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 36.2242, 44.4181, 35.5185 by changing the saturation by 10% instead.

■ 36.2242, 44.4181,
35.5185

■ 36.2242, 44.4181,
35.5185

321.3536,
364.4117, 341.8246

■ 24.7783, 30.9993,
23.7758

■ 68.6996, 81.8465,
69.4489

■ 16.0398, 20.5983,
14.9567

■ 90.4598, 106.6250,
92.4737

■ 9.6434, 12.8307,
8.6427

116.3888,
135.9587, 120.0962

■ 5.2236, 7.3121,
4.4153

146.8520,
170.2323, 152.7351

■ 2.4151, 3.6580,
1.8558

182.2147,
209.8299, 190.8088

■ 0.8527, 1.4842,
0.4644

222.8423,

■ 0.0000, 0.2775,

255.1361, 234.7360

0.0000

269.1002,
306.5353, 284.9351

■ 0.0000, 0.0000,
0.0000

■ 36.2242, 44.4181,
35.5185

■ 36.2242, 44.4181,
35.5185

■ 31.7695, 42.2832,
28.0670

■ 41.4155, 46.9075,
44.2608

■ 28.0146, 40.4814,
21.8424

■ 47.3709, 49.7605,
54.3480

■ 24.9251, 38.9975,
16.7798

■ 54.1208, 52.9930,
65.8343

■ 22.4620, 37.8132,
12.8073

■ 61.6930, 56.6181,
78.7704

■ 20.5825, 36.9079,
9.8449

■ 70.1138, 60.6484,
93.2044

■ 19.2382, 36.2587,
7.8014

■ 77.0612, 64.0225,
102.9037

■ 18.3732, 35.8391,
6.5698

■ 17.9046, 35.6110,
5.9414

■ 17.8977, 35.6077,
5.9297

Harmonies

Analogous

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



39.3067, 44.4181, 30.0295



36.2242, 44.4181, 35.5185



34.7700, 44.4181, 45.1746

Triad

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



36.2242, 44.4181, 35.5185



41.0893, 44.4181, 74.8336



50.1051, 44.4181, 40.3188

Complementary

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



36.2242, 44.4181, 35.5185



39.8856, 35.7162, 51.8079

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.



50.6604, 44.4181, 51.6996



36.2242, 44.4181, 35.5185



45.2698, 44.4181, 72.9584

Square

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



36.2242, 44.4181, 35.5185



37.4555, 44.4181, 68.7514



48.8391, 44.4181, 63.9835



47.3682, 44.4181, 32.4667

Rectangle

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



36.2242, 44.4181, 35.5185



34.8482, 44.4181, 53.2252



48.8391, 44.4181, 63.9835



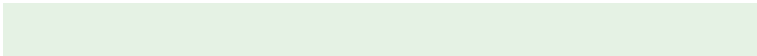
50.5600, 44.4181, 43.8077

Sweetspot

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



36.2254, 44.4200, 35.5195



77.9445, 85.8147, 85.6473



43.2521, 47.2721, 35.6996



17.0143, 18.8258, 18.6065



90.7827, 95.5105, 104.0109



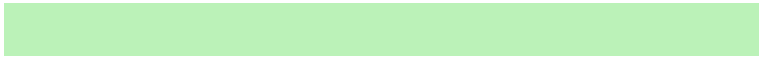
18.6292, 19.5994, 21.3438

Same Dimension

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



36.2254, 44.4200, 35.5195



61.0448, 77.7149, 57.1910



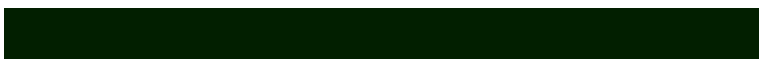
37.2355, 44.7812, 42.7749



9.4552, 10.6736, 10.1385



12.3508, 24.5430, 4.0863



0.5003, 0.9699, 0.1608

Inverse Universe

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



39.8856, 35.7162, 51.8079



68.8614, 59.1223, 91.9838



38.7490, 35.3177, 43.2877



9.8777, 9.6693, 12.0180



18.6769, 8.9144, 33.1292



0.7473, 0.3573, 1.2984

Previews

White Background



This preview shows how the XYZ color 36.2242, 44.4181, 35.5185 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 36.2242, 44.4181, 35.5185 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

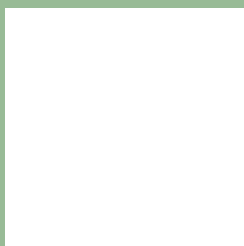
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.2242, 44.4181, 35.5185

Background



This preview shows how black text looks on a background with the XYZ color 36.2242, 44.4181, 35.5185.



This preview shows how white text looks on a background with the XYZ color 36.2242, 44.4181,

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

36.2242, 44.4181, 35.5185

Protanopia

41.5720, 44.1800, 33.1246

Deuteranopia

44.9413, 44.1222, 36.2848



Tritanopia

40.8714, 44.4615, 58.0575

Trichromacy



Original Color

36.2242, 44.4181, 35.5185

Protanomaly

39.4695, 44.2683, 34.0681

Deuteranomaly

41.1568, 43.9016, 36.0104

Tritanomaly

38.9748, 44.2897, 49.1424

Monochromacy



Original Color

36.2242, 44.4181, 35.5185

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

37.9400, 42.1239, 41.2530

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2242, 44.4181, 35.5185 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(152, 187, 150)` looks like.

```
.text, #text, p{  
    color:rgb(152, 187, 150)  
}
```

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(152, 187, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 187, 150) }
```

Border

The CSS property to change the border of an element to XYZ 36.2242, 44.4181, 35.5185 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(152, 187, 150) }
```


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

```
.border{ border-color:rgb(152, 187, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 187, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 187, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 187, 150);  
box-shadow:4px 4px 4px 4px rgb(152, 187,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2242, 44.4181, 35.5185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 187, 150) }
```

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

```
.background{ background-color: rgb(152,  
187, 150) }
```

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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