

Converting Colors

XYZ(35.8631, 44.4123, 25.4275)

Have a look what the booklet for
XYZ(35.8631, 44.4123, 25.4275)
contains.

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Color

**XYZ(35.8427, 44.4443,
25.4284)**

Conversions

Conversions Part 1

Format	Color
Hex	A0BB7B
RGB	160, 187, 123
RGB Percent	63%, 73%, 48%
CMY	0.3725, 0.2666, 0.5176
CMYK	0.14, 0.00, 0.34, 0.27
HSL	85°, 32%, 61%
HSV	85°, 34%, 73%
XYZ	35.8427, 44.4443, 25.4284
YIQ	171.6310, 4.4520, -25.6280

Conversions

Conversions Part 2

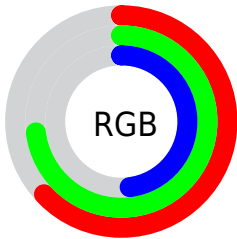
Format	Color
RYB	123, 187, 150
Decimal	10533755
CIELab	72.52, -20.34, 29.46
CIELCh	73, 35.801, 124.612
Yxy	44.4443, 0.3390, 0.4204
Android (android.graphics.Color)	4288723835 (0xFFA0BB7B)
YUV	171.6310, -23.9751, -10.2004
Hunter-Lab	66.6666, -20.6975, 24.0518

Details

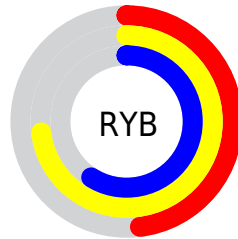
The XYZ color **35.8427, 44.4443, 25.4284** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **28.6321, 24.2390, 50.1857**, and the grayscale version is **39.1429, 41.1814, 44.8465**.

A 20% lighter version of the original color is **67.9114, 81.6828, 53.2614**, and **15.7911, 20.6570, 9.4583** is the 20% darker color. If you saturate the color by 10%, you get **33.2549, 43.2342, 19.7695**, and if you desaturate by 10%, it is **38.7566, 45.7994, 32.2717**.

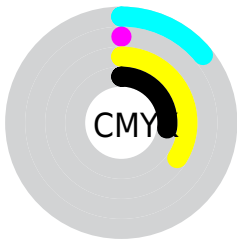
Distribution



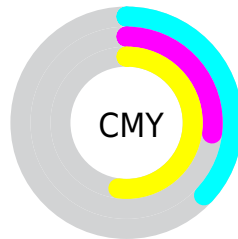
- Red (63%)
- Green (73%)
- Blue (48%)



- Red (48%)
- Yellow (73%)
- Blue (59%)



- Cyan (14%)
- Magenta (0%)
- Yellow (34%)
- Black (27%)





- Cyan (37%)
- Magenta (27%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.8427, 44.4443, 25.4284 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 35.8427, 44.4443, 25.4284 by changing the saturation by 10% instead.


 35.8427, 44.4443,
25.4284


 35.8427, 44.4443,
25.4284


319.7157,
364.5183, 293.4804


 24.4823, 31.0200,
16.1746


 68.1147, 81.8859,
53.3241

 15.8184, 20.6140,
9.4921


 89.7569, 106.6719,
72.8030

 9.4858, 12.8422,
4.9624


 115.5572,
136.0140, 96.5274

 5.1190, 7.3200,
2.1668

145.8808,
170.2964, 124.9159

 2.3527, 3.6630,
0.6551

181.0931,
209.9037, 158.3868

 0.8214, 1.4869,
0.0000

221.5594,

 0.0000, 0.2795,

255.2202, 197.3589

0.0000

267.6452,
306.6302, 242.2506

■ 0.0000, 0.0000,
0.0000

■ 35.8427, 44.4443,
25.4284

■ 35.8427, 44.4443,
25.4284

■ 33.2549, 43.2342,
19.7695

■ 38.7566, 45.7994,
32.2717

■ 30.9750, 42.1571,
15.2247

■ 42.0067, 47.2993,
40.3585

■ 28.9884, 41.2085,
11.7208


■ 45.6068, 48.9511,
49.7474


■ 27.2773, 40.3810,
9.1747


■ 49.5689, 50.7599,
60.4925

■ 25.8215, 39.6662,
7.4905


■ 53.9043, 52.7304,
72.6449


 24.5969, 39.0544,
6.5524

 58.6238, 54.8671,
86.2529

 23.9682, 38.7371,
6.2138

 63.7377, 57.1743,
101.3626

 66.2901, 58.4698,
102.3997

 68.7799, 59.7533,
102.5162

Harmonies

Analogous

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



41.2942, 44.4443, 21.7671



35.8427, 44.4443, 25.4284



32.3858, 44.4443, 35.2112

Triad

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



35.8427, 44.4443, 25.4284



37.3474, 44.4443, 86.1360



55.2377, 44.4443, 45.7056

Complementary

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



35.8427, 44.4443, 25.4284



28.6321, 24.2390, 50.1857

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.



53.9211, 44.4443, 64.5099



35.8427, 44.4443, 25.4284



43.2062, 44.4443, 90.8891

Square

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



35.8427, 44.4443, 25.4284



33.1933, 44.4443, 70.4262



49.3631, 44.4443, 82.1770



52.8040, 44.4443, 31.5125

Rectangle

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



35.8427, 44.4443, 25.4284



31.4766, 44.4443, 45.2645



49.3631, 44.4443, 82.1770



55.2209, 44.4443, 51.6609

Sweetspot

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



35.8438, 44.4462, 25.4294



77.7729, 85.8771, 78.8237



34.9236, 33.7029, 23.4042



16.9297, 18.8210, 16.8477



90.7827, 95.5105, 104.0109



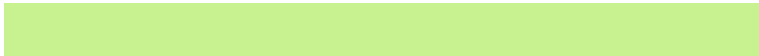
18.6292, 19.5994, 21.3438

Same Dimension

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



35.8438, 44.4462, 25.4294



60.6904, 77.9609, 37.8071



30.2992, 41.5879, 25.1699



9.9227, 10.9145, 10.1604



16.5973, 26.7321, 4.2850



0.7233, 1.0848, 0.1713

Inverse Universe

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



28.6321, 24.2390, 50.1857



45.8437, 36.3426, 88.8000



35.2671, 27.6595, 50.4962



9.3878, 9.4168, 11.9950



8.4748, 3.6550, 32.6517



0.4067, 0.1817, 1.2825

Previews

White Background



This preview shows how the XYZ color 35.8427, 44.4443, 25.4284 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 35.8427, 44.4443, 25.4284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

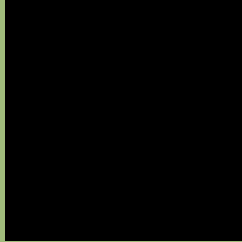
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.8427, 44.4443, 25.4284

Background



This preview shows how black text looks on a background with the XYZ color 35.8427, 44.4443, 25.4284.



This preview shows how white text looks on a background with the XYZ color 35.8427, 44.4443,

25.4284.

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

35.8427, 44.4443, 25.4284

Protanopia

40.7901, 43.9827, 23.7924

Deuteranopia

45.0695, 44.1306, 26.2213



Tritanopia

42.1236, 44.2371, 56.7705

Trichromacy



Original Color

35.8427, 44.4443, 25.4284

Protanomaly

38.7364, 44.1071, 24.2412

Deuteranomaly

41.0295, 43.7635, 26.0234

Tritanomaly

39.3176, 43.9819, 43.4629

Monochromacy



Original Color

35.8427, 44.4443, 25.4284

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

37.7033, 42.1022, 36.7112

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8427, 44.4443, 25.4284 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(160, 187, 123)` looks like.

```
.text, #text, p{  
    color:rgb(160, 187, 123)  
}
```

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(160, 187, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 187, 123) }
```

Border

The CSS property to change the border of an element to XYZ 35.8427, 44.4443, 25.4284 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(160, 187, 123) }
```


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

```
.border{ border-color:rgb(160, 187, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 187, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 187, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 187, 123);  
box-shadow:4px 4px 4px 4px rgb(160, 187,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8427, 44.4443, 25.4284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 187, 123) }
```

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

```
.background{ background-color: rgb(160,  
187, 123) }
```

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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