

Converting Colors

XYZ(36.1637, 48.2078, 26.1379)

Have a look what the booklet for
XYZ(36.1637, 48.2078, 26.1379)
contains.

XYZ(36.1637, 48.2078, 26.1379)	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(36.1637, 48.2078,
26.1379)**

Conversions

Conversions Part 1

Format	Color
Hex	95C67B
RGB	149, 198, 123
RGB Percent	58%, 78%, 48%
CMY	0.4157, 0.2235, 0.5176
CMYK	0.25, 0.00, 0.38, 0.22
HSL	99°, 40%, 63%
HSV	99°, 38%, 78%
XYZ	36.1637, 48.2078, 26.1379
YIQ	174.7990, -5.1290, -33.7130

Conversions

Conversions Part 2

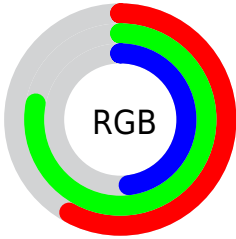
Format	Color
RYB	123, 198, 172
Decimal	9815675
CIELab	74.96, -29.74, 32.52
CIELCh	75, 44.069, 132.442
Yxy	48.2078, 0.3272, 0.4362
Android (android.graphics.Color)	4288005755 (0xFF95C67B)
YUV	174.7990, -25.5369, -22.6257
Hunter-Lab	69.4318, -28.5337, 26.2823

Details

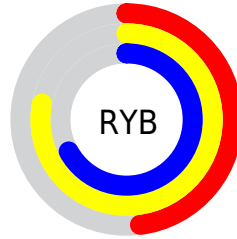
The XYZ color **36.1637, 48.2078, 26.1379** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.2913, 27.0152, 56.8358**, and the grayscale version is **40.7745, 42.8979, 46.7158**.

A 20% lighter version of the original color is **68.4983, 87.4920, 54.3517**, and **15.9997, 22.9144, 9.8830** is the 20% darker color. If you saturate the color by 10%, you get **32.8171, 46.6131, 20.1527**, and if you desaturate by 10%, it is **40.0257, 50.0422, 33.4578**.

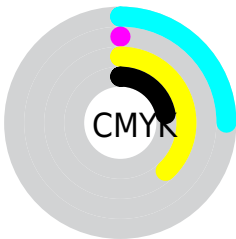
Distribution



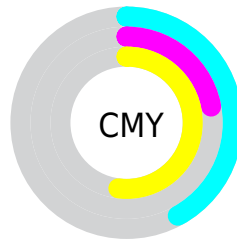
- Red (58%)
- Green (78%)
- Blue (48%)



- Red (48%)
- Yellow (78%)
- Blue (67%)



- Cyan (25%)
- Magenta (0%)
- Yellow (38%)
- Black (22%)





- Cyan (42%)
- Magenta (22%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.1637, 48.2078, 26.1379 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 36.1637, 48.2078, 26.1379 by changing the saturation by 10% instead.


 36.1637, 48.2078,
26.1379


 36.1637, 48.2078,
26.1379


321.0943,
379.6152, 297.0854


 24.7313, 33.9915,
16.7001

 68.6069, 87.5137,
54.4841

 16.0047, 22.8871,
9.8612


 90.3484, 113.3721,
74.2297

 9.6183, 14.5101,
5.2027

 116.2570,
143.8800, 98.2483

 5.2070, 8.4763,
2.3058

146.6981,
179.4217, 126.9584

 2.4052, 4.4012,
0.7345

182.0371,
220.3817, 160.7787

 0.8477, 1.9004,
0.0000

222.6391,

 0.0000, 0.5486,

267.1443, 200.1275

0.0000

268.8698,
320.0940, 245.4236

■ 0.0000, 0.0000,
0.0000

■ 36.1637, 48.2078,
26.1379

■ 36.1637, 48.2078,
26.1379

■ 32.8171, 46.6131,
20.1527

■ 40.0257, 50.0422,
33.4578

■ 29.9585, 45.2412,
15.4185

■ 44.4214, 52.1197,
42.1830

■ 27.5633, 44.0830,
11.8473


■ 49.3729, 54.4517,
52.3829


■ 25.6027, 43.1258,
9.3380


■ 54.8996, 57.0467,
64.1214


■ 24.0445, 42.3555,
7.7723


■ 61.0202, 59.9131,
77.4586


 22.8445, 41.7533,
6.9758

 67.7522, 63.0587,
92.4514

 22.6235, 41.6421,
6.8453

 74.0306, 66.0583,
103.4564

 78.5697, 68.3982,
103.6689

 79.4851, 68.8701,
103.7117

Harmonies

Analogous

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



42.5710, 48.2078, 20.0510



36.1637, 48.2078, 26.1379



32.6108, 48.2078, 40.2402

Triad

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



36.1637, 48.2078, 26.1379



41.3150, 48.2078, 106.9940



62.6256, 48.2078, 43.5216

Complementary

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



36.1637, 48.2078, 26.1379



34.2913, 27.0152, 56.8358

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.



62.1870, 48.2078, 67.0035



36.1637, 48.2078, 26.1379



49.2304, 48.2078, 108.6461

Square

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



36.1637, 48.2078, 26.1379



35.3371, 48.2078, 88.3746



57.0584, 48.2078, 92.3869



58.1948, 48.2078, 27.9323

Rectangle

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



36.1637, 48.2078, 26.1379



32.0514, 48.2078, 54.3982



57.0584, 48.2078, 92.3869



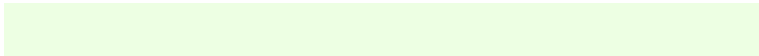
63.0562, 48.2078, 50.6272

Sweetspot

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



36.1649, 48.2099, 26.1390



84.4342, 95.0116, 86.5258



41.5708, 42.8478, 24.8190



17.8111, 20.2134, 17.9801



0.0000, 0.0000, 0.0000



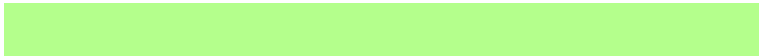
20.3446, 21.4041, 23.3091

Same Dimension

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



36.1649, 48.2099, 26.1390



59.3407, 83.1273, 37.8253



32.6845, 46.3295, 29.8665



10.8384, 12.0636, 11.3200



14.7957, 27.1228, 4.4554



0.7787, 1.3246, 0.2146

Inverse Universe

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



34.2913, 27.0152, 56.8358



55.5546, 40.5302, 99.5028



39.3164, 29.7501, 50.5459



10.7124, 10.6255, 13.4038



12.6477, 5.7544, 35.1885



0.6747, 0.3116, 1.6697

Previews

White Background



This preview shows how the XYZ color 36.1637, 48.2078, 26.1379 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 36.1637, 48.2078, 26.1379 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 36.1637, 48.2078, 26.1379

Background



This preview shows how black text looks on a background with the XYZ color 36.1637, 48.2078, 26.1379.



This preview shows how white text looks on a background with the XYZ color 36.1637, 48.2078,

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

36.1637, 48.2078, 26.1379

Protanopia

44.1708, 47.8447, 23.7365

Deuteranopia

48.6350, 47.6692, 27.0598



Tritanopia

43.6630, 47.9596, 63.4558

Trichromacy



Original Color

36.1637, 48.2078, 26.1379

Protanomaly

40.5834, 47.5509, 24.4920

Deuteranomaly

43.1545, 47.2567, 26.5856

Tritanomaly

40.3942, 47.9234, 47.1655

Monochromacy



Original Color

36.1637, 48.2078, 26.1379

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

38.6601, 44.3743, 37.9800

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1637, 48.2078, 26.1379 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(149, 198, 123)` looks like.

```
.text, #text, p{  
    color:rgb(149, 198, 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(149, 198, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 198, 123) }
```

Border

The CSS property to change the border of an element to XYZ 36.1637, 48.2078, 26.1379 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(149, 198, 123) }
```


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

```
.border{ border-color:rgb(149, 198, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 198, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 198, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 198, 123);  
box-shadow:4px 4px 4px 4px rgb(149, 198,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1637, 48.2078, 26.1379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 198, 123) }
```

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

```
.background{ background-color: rgb(149,  
198, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor