

Converting Colors

XYZ(40.4971, 50.7795, 27.4391)

Have a look what the booklet for
XYZ(40.4971, 50.7795, 27.4391)
contains.

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Color

**XYZ(40.5515, 50.7882,
27.4045)**

Conversions

Conversions Part 1

Format	Color
Hex	A9C77E
RGB	169, 199, 126
RGB Percent	66%, 78%, 49%
CMY	0.3373, 0.2196, 0.5059
CMYK	0.15, 0.00, 0.37, 0.22
HSL	85°, 39%, 64%
HSV	85°, 37%, 78%
XYZ	40.5515, 50.7882, 27.4045
YIQ	181.7080, 5.5530, -29.0630

Conversions

Conversions Part 2

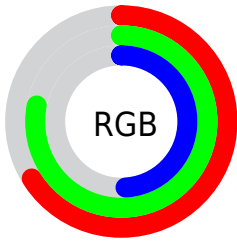
Format	Color
RYB	126, 199, 156
Decimal	11126654
CIELab	76.55, -22.52, 33.29
CIELCh	77, 40.194, 124.069
Yxy	50.7882, 0.3415, 0.4277
Android (android.graphics.Color)	4289316734 (0xFFA9C77E)
YUV	181.7080, -27.4640, -11.1449
Hunter-Lab	71.2658, -23.1456, 27.0868

Details

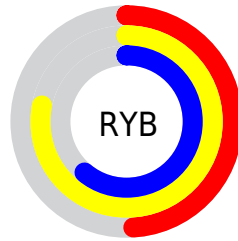
The XYZ color **40.5515, 50.7882, 27.4045** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **31.4820, 26.1146, 57.4170**, and the grayscale version is **44.4482, 46.7629, 50.9249**.

A 20% lighter version of the original color is **74.9480, 90.7822, 56.2204**, and **18.6324, 24.4856, 10.5816** is the 20% darker color. If you saturate the color by 10%, you get **37.6932, 49.4502, 21.2216**, and if you desaturate by 10%, it is **43.7776, 52.2895, 34.9400**.

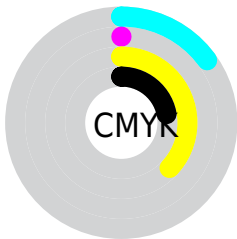
Distribution



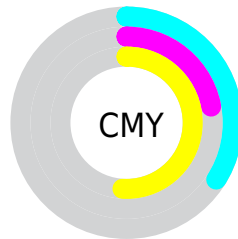
- Red (66%)
- Green (78%)
- Blue (49%)



- Red (49%)
- Yellow (78%)
- Blue (61%)



- Cyan (15%)
- Magenta (0%)
- Yellow (37%)
- Black (22%)





- Cyan (34%)
- Magenta (22%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.5515, 50.7882, 27.4045 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 40.5515, 50.7882, 27.4045 by changing the saturation by 10% instead.

 40.5515, 50.7882,
27.4045


 40.5515, 50.7882,
27.4045


339.5373,
389.7403, 303.4322


 28.1549, 36.0401,
17.6421


 75.2816, 91.3416,
56.5439

 18.5835, 24.4651,
10.5266


 98.3458, 117.9157,
76.7580

 11.4720, 15.6790,
5.6393


 125.6967,
149.2006, 101.2931

 6.4548, 9.2973,
2.5618

157.6995,
185.5806, 130.5677

 3.1668, 4.9356,
0.8726

194.7196,
227.4402, 165.0004

 1.2426, 2.2095,
0.0000

237.1223,

 0.1396, 0.7252,

275.1638, 205.0097

0.0000

285.2731,
329.1357, 251.0141

■ 0.0000, 0.0000,
0.0000

■ 40.5515, 50.7882,
27.4045

■ 40.5515, 50.7882,
27.4045

■ 37.6932, 49.4502,
21.2216

■ 43.7776, 52.2895,
34.9400

■ 35.1817, 48.2616,
16.3078

■ 47.3836, 53.9539,
43.8985

■ 32.9994, 47.2169,
12.5754


■ 51.3856, 55.7898,
54.3495


■ 31.1250, 46.3074,
9.9241


■ 55.7976, 57.8031,
66.3569


■ 29.5344, 45.5231,
8.2370

■ 60.6328, 59.9992,
79.9809


 28.1960, 44.8512,
7.3606

 65.9038, 62.3833,
95.2784

 27.7892, 44.6456,
7.1528

 69.9184, 64.2789,
103.3297

 72.5487, 65.6349,
103.4528

 75.3032, 67.0548,
103.5817

Harmonies

Analogous

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



47.2447, 50.7882, 23.2129



40.5515, 50.7882, 27.4045



36.3036, 50.7882, 38.9652

Triad

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



40.5515, 50.7882, 27.4045



42.1691, 50.7882, 102.0364



64.3387, 50.7882, 52.3872

Complementary

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



40.5515, 50.7882, 27.4045



31.4820, 26.1146, 57.4170

Split Complementary

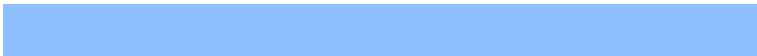
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



62.6197, 50.7882, 75.6597



40.5515, 50.7882, 27.4045



49.3154, 50.7882, 108.3322

Square

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



40.5515, 50.7882, 27.4045



37.1666, 50.7882, 82.1675



56.9165, 50.7882, 97.6403



61.3963, 50.7882, 35.0383

Rectangle

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



40.5515, 50.7882, 27.4045



35.1655, 50.7882, 51.0932



56.9165, 50.7882, 97.6403



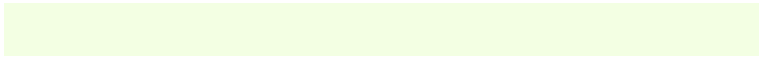
64.2887, 50.7882, 59.7310

Sweetspot

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



40.5528, 50.7904, 27.4056



86.7433, 96.2019, 86.6338



39.0756, 37.1595, 24.8524



18.3607, 20.4967, 18.0058



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.



40.5528, 50.7904, 27.4056



66.9648, 87.0357, 39.1774



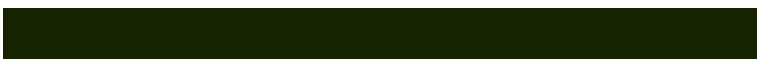
33.9112, 47.3666, 27.0948



11.0861, 12.1913, 11.3316



17.9697, 28.7590, 4.6039



0.9317, 1.4034, 0.2218

Inverse Universe

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



31.4820, 26.1146, 57.4170



48.8076, 37.6128, 99.2953



39.4339, 30.2139, 57.7891



10.4627, 10.4968, 13.3921



8.9487, 3.8475, 35.0153



0.5056, 0.2244, 1.6618

Previews

White Background



This preview shows how the XYZ color 40.5515, 50.7882, 27.4045 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 40.5515, 50.7882, 27.4045 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

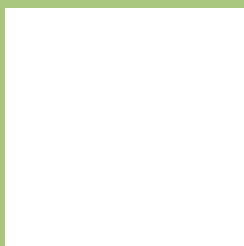
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.5515, 50.7882, 27.4045

Background



This preview shows how black text looks on a background with the XYZ color 40.5515, 50.7882, 27.4045.



This preview shows how white text looks on a background with the XYZ color 40.5515, 50.7882,

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

40.5515, 50.7882, 27.4045

Protanopia

46.6729, 50.3507, 25.6711

Deuteranopia

51.4019, 50.2618, 28.1114



Tritanopia

47.9191, 50.4581, 64.3405

Trichromacy



Original Color

40.5515, 50.7882, 27.4045

Protanomaly

44.1630, 50.3358, 26.1270

Deuteranomaly

46.9096, 50.1048, 27.9677

Tritanomaly

44.8109, 50.5046, 48.4609

Monochromacy



Original Color

40.5515, 50.7882, 27.4045

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

42.6363, 47.9222, 41.1852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5515, 50.7882, 27.4045 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(169, 199, 126)` looks like.

```
.text, #text, p{  
    color:rgb(169, 199, 126)  
}
```

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(169, 199, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 199, 126) }
```

Border

The CSS property to change the border of an element to XYZ 40.5515, 50.7882, 27.4045 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(169, 199, 126) }
```


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

```
.border{ border-color:rgb(169, 199, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 199, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 199, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 199, 126); box-shadow:4px 4px 4px 4px rgb(169, 199, 126) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5515, 50.7882, 27.4045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 199, 126) }
```

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

```
.background{ background-color: rgb(169,  
199, 126) }
```

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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