

Converting Colors

XYZ(39.7970, 55.9260, 25.1192)

Have a look what the booklet for
XYZ(39.7970, 55.9260, 25.1192)
contains.

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Color

**XYZ(39.7766, 55.8381,
25.2044)**

Conversions

Conversions Part 1

Format	Color
Hex	96D674
RGB	150, 214, 116
RGB Percent	59%, 84%, 45%
CMY	0.4118, 0.1608, 0.5451
CMYK	0.30, 0.00, 0.46, 0.16
HSL	99°, 54%, 65%
HSV	99°, 46%, 84%
XYZ	39.7766, 55.8381, 25.2044
YIQ	183.6920, -6.6860, -44.0460

Conversions

Conversions Part 2

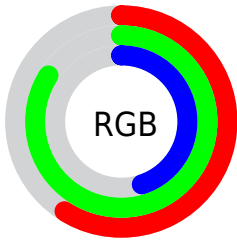
Format	Color
RYB	116, 214, 180
Decimal	9885300
CIELab	79.52, -37.74, 41.89
CIELCh	80, 56.381, 132.012
Yxy	55.8381, 0.3292, 0.4622
Android (android.graphics.Color)	4288075380 (0xFF96D674)
YUV	183.6920, -33.3722, -29.5479
Hunter-Lab	74.7249, -35.7517, 32.3092

Details

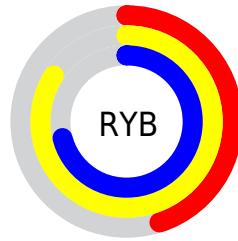
The XYZ color **39.7766, 55.8381, 25.2044** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **37.2080, 27.0509, 66.8816**, and the grayscale version is **45.5721, 47.9454, 52.2125**.

A 20% lighter version of the original color is **68.4693, 87.5441, 51.3192**, and **18.1761, 27.6647, 9.3829** is the 20% darker color. If you saturate the color by 10%, you get **36.2524, 54.1507, 19.2734**, and if you desaturate by 10%, it is **43.8971, 57.8032, 32.6624**.

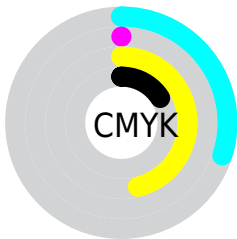
Distribution



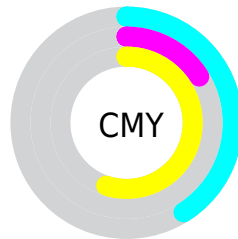
- Red (59%)
- Green (84%)
- Blue (45%)



- Red (45%)
- Yellow (84%)
- Blue (71%)



- Cyan (30%)
- Magenta (0%)
- Yellow (46%)
- Black (16%)





- Cyan (41%)
- Magenta (16%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.7766, 55.8381, 25.2044 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 39.7766, 55.8381, 25.2044 by changing the saturation by 10% instead.


 39.7766, 55.8381,
25.2044


 39.7766, 55.8381,
25.2044


336.3317,
409.0811, 292.3345

 27.5478, 40.0731,
16.0090


 74.1097, 98.7678,
52.9569

 18.1238, 27.5956,
9.3761


 96.9448, 126.7014,
72.3510

 11.1391, 18.0210,
4.8872


 124.0460,
159.4599, 95.9818

 6.2285, 10.9651,
2.1236

155.7787,
197.4278, 124.2678

 3.0265, 6.0434,
0.6298

192.5083,
240.9895, 157.6275

 1.1678, 2.8715,
0.0000

234.6000,

 0.0807, 1.0650,

290.5293, 196.4795

0.0000

282.4194,
346.4317, 241.2423

■ 0.0000, 0.0000,
0.0000

■ 39.7766, 55.8381,
25.2044

■ 39.7766, 55.8381,
25.2044

■ 36.2524, 54.1507,
19.2734

■ 43.8971, 57.8032,
32.6624

■ 33.2897, 52.7202,
14.7599

■ 48.6381, 60.0513,
41.7392

■ 30.8560, 51.5342,
11.5462


■ 54.0272, 62.5964,
52.5239


■ 28.9130, 50.5759,
9.4936


■ 60.0892, 65.4494,
65.0979

■ 27.4152, 49.8258,
8.4309

■ 66.8474, 68.6208,
79.5375

 26.8902, 49.5608,
8.1489

 74.3240, 72.1204,
95.9145

 80.7509, 75.2419,
104.8748

 83.3377, 76.5754,
104.9959

Harmonies

Analogous

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



48.6629, 55.8381, 17.8919



39.7766, 55.8381, 25.2044



34.9190, 55.8381, 43.4822

Triad

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



39.7766, 55.8381, 25.2044



46.6202, 55.8381, 141.6244



77.3816, 55.8381, 48.7067

Complementary

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



39.7766, 55.8381, 25.2044



37.2080, 27.0509, 66.8816

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.



76.6277, 55.8381, 82.1913



39.7766, 55.8381, 25.2044



57.7406, 55.8381, 144.6055

Square

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



39.7766, 55.8381, 25.2044



38.4653, 55.8381, 112.8966



69.0431, 55.8381, 119.9937



70.9760, 55.8381, 27.8509

Rectangle

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



39.7766, 55.8381, 25.2044



34.1290, 55.8381, 63.0173



69.0431, 55.8381, 119.9937



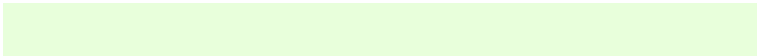
77.9797, 55.8381, 58.6319

Sweetspot

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



39.7780, 55.8405, 25.2056



81.7621, 93.7533, 81.0120



47.1470, 48.0809, 23.3195



17.1010, 19.8788, 16.5237



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.



39.7780, 55.8405, 25.2056



54.0272, 80.5813, 28.8505



35.3272, 53.4393, 29.8202



12.6646, 14.1033, 13.2154



16.3542, 30.0072, 4.9300



1.0743, 1.8552, 0.3015

Inverse Universe

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



37.2080, 27.0509, 66.8816



49.7022, 32.5960, 98.2798



44.3228, 30.9259, 57.8515



12.5154, 12.4071, 15.6727



13.9653, 6.3519, 38.9431



0.9300, 0.4283, 2.3530

Previews

White Background



This preview shows how the XYZ color 39.7766, 55.8381, 25.2044 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 39.7766, 55.8381, 25.2044 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 39.7766, 55.8381, 25.2044

Background



This preview shows how black text looks on a background with the XYZ color 39.7766, 55.8381, 25.2044.

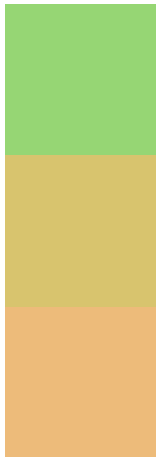


This preview shows how white text looks on a background with the XYZ color 39.7766, 55.8381,

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

39.7766, 55.8381, 25.2044

Protanopia

50.8733, 55.2046, 22.7261

Deuteranopia

56.2082, 54.9503, 26.0563



Tritanopia

49.5013, 55.4100, 74.4159

Trichromacy



Original Color

39.7766, 55.8381, 25.2044

Protanomaly

46.0188, 55.0882, 23.5369

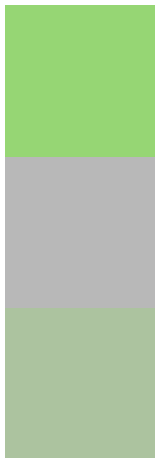
Deuteranomaly

48.5333, 54.2677, 25.6860

Tritanomaly

44.9090, 54.9524, 51.9560

Monochromacy



Original Color

39.7766, 55.8381, 25.2044

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

42.7864, 50.3041, 40.2555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7766, 55.8381, 25.2044 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(150, 214, 116)` looks like.

```
.text, #text, p{  
    color:rgb(150, 214, 116)  
}
```

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(150, 214, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 214, 116) }
```

Border

The CSS property to change the border of an element to XYZ 39.7766, 55.8381, 25.2044 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(150, 214, 116) }
```


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

```
.border{ border-color:rgb(150, 214, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 214, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 214, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 214, 116);  
box-shadow:4px 4px 4px 4px rgb(150, 214,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7766, 55.8381, 25.2044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 214, 116) }
```

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

```
.background{ background-color: rgb(150,  
214, 116) }
```

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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