

Converting Colors

XYZ(26.0820, 37.8662, 17.6243)

Have a look what the booklet for
XYZ(26.0820, 37.8662, 17.6243)
contains.

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Color

**XYZ(25.9785, 37.6616,
17.7046)**

Conversions

Conversions Part 1

Format	Color
Hex	74B563
RGB	116, 181, 99
RGB Percent	45%, 71%, 39%
CMY	0.5451, 0.2902, 0.6118
CMYK	0.36, 0.00, 0.45, 0.29
HSL	108°, 36%, 55%
HSV	108°, 45%, 71%
XYZ	25.9785, 37.6616, 17.7046
YIQ	152.2170, -12.4180, -39.2820

Conversions

Conversions Part 2

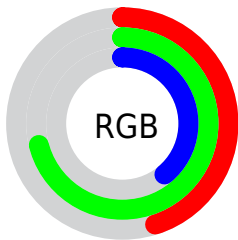
Format	Color
RYB	99, 181, 164
Decimal	7648611
CIELab	67.77, -36.59, 35.27
CIELCh	68, 50.824, 136.056
Yxy	37.6616, 0.3194, 0.4630
Android (android.graphics.Color)	4285838691 (0xFF74B563)
YUV	152.2170, -26.2360, -31.7623
Hunter-Lab	61.3690, -31.8339, 25.8535

Details

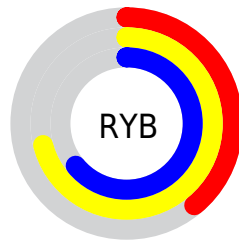
The XYZ color **25.9785, 37.6616, 17.7046** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **28.1138, 20.1535, 46.1263**, and the grayscale version is **30.0533, 31.6184, 34.4324**.

A 20% lighter version of the original color is **52.6647, 71.4607, 40.2957**, and **10.3448, 16.7254, 5.7007** is the 20% darker color. If you saturate the color by 10%, you get **23.4463, 36.4464, 13.5644**, and if you desaturate by 10%, it is **29.0011, 39.1095, 22.8817**.

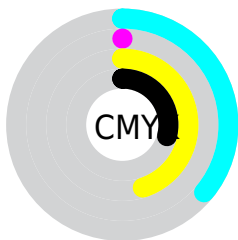
Distribution



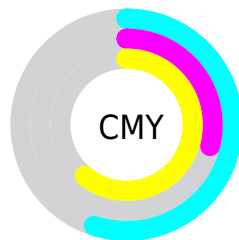
- Red (45%)
- Green (71%)
- Blue (39%)



- Red (39%)
- Yellow (71%)
- Blue (64%)



- Cyan (36%)
- Magenta (0%)
- Yellow (45%)
- Black (29%)



- Cyan (55%)
- Magenta (29%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9785, 37.6616, 17.7046 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 25.9785, 37.6616, 17.7046 by changing the saturation by 10% instead.

■ 25.9785, 37.6616,
17.7046

■ 25.9785, 37.6616,
17.7046

274.9352,
336.1661, 251.3807

■ 16.9402, 25.7202,
10.5709

■ 52.6718, 71.5892,
40.3404

■ 10.2869, 16.6144,
5.6686

■ 71.0575, 94.3441,
56.6796

■ 5.6533, 9.9600,
2.5791

■ 93.2896, 121.4722,
76.9244

■ 2.6741, 5.3724,
0.8816

■ 119.7336,
153.3581, 101.4933

■ 0.9838, 2.4674,
0.0000

150.7548,
190.3860, 130.8048

■ 0.0000, 0.8602,
0.0000

186.7186,

■ 0.0000, 0.0000,

232.9404, 165.2775

0.0000

227.9902,
281.4056, 205.3299

■ 25.9785, 37.6616,
17.7046

■ 25.9785, 37.6616,
17.7046

■ 23.4463, 36.4464,
13.5644

■ 29.0011, 39.1095,
22.8817

■ 21.3752, 35.4468,
10.3889

■ 32.5359, 40.7965,
29.1564

■ 19.7369, 34.6512,
8.1007


■ 36.6066, 42.7348,
36.5878


■ 18.4983, 34.0444,
6.6091


■ 41.2347, 44.9341,
45.2300

■ 17.6211, 33.6091,
5.8026


■ 46.4403, 47.4039,
55.1338

 17.3064, 33.4523,
5.5448

 52.2428, 50.1530,
66.3467

 58.6603, 53.1899,
78.9143

 65.7104, 56.5226,
92.8796

 72.2780, 59.7060,
102.3227

Harmonies

Analogous

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



31.7763, 37.6616, 11.8881



25.9785, 37.6616, 17.7046



23.0389, 37.6616, 31.4348

Triad

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



25.9785, 37.6616, 17.7046



32.2759, 37.6616, 99.0033



52.3756, 37.6616, 30.1617

Complementary

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



25.9785, 37.6616, 17.7046



28.1138, 20.1535, 46.1263

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.



52.5617, 37.6616, 52.3485



25.9785, 37.6616, 17.7046



40.1417, 37.6616, 98.2621

Square

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



25.9785, 37.6616, 17.7046



26.2979, 37.6616, 80.7407



47.8199, 37.6616, 78.9815



47.3437, 37.6616, 17.0680

Rectangle

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



25.9785, 37.6616, 17.7046



22.7708, 37.6616, 45.7457



47.8199, 37.6616, 78.9815



53.0295, 37.6616, 36.6076

Sweetspot

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



25.9794, 37.6632, 17.7054



66.3971, 76.9324, 67.0757



34.4484, 37.0036, 17.1318



13.9929, 16.4576, 13.8364



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



25.9794, 37.6632, 17.7054



42.1560, 65.3517, 24.5562



25.1980, 37.1130, 24.3246



8.5482, 9.5721, 9.0496



11.9781, 23.0850, 3.8245



0.4246, 0.7509, 0.1226

Inverse Universe

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



28.1138, 20.1535, 46.1263



46.3992, 30.1416, 81.6670



29.6708, 21.2090, 34.7740



8.6741, 8.5560, 10.7006



13.6748, 6.3854, 30.6488



0.4738, 0.2233, 0.9664

Previews

White Background



This preview shows how the XYZ color 25.9785, 37.6616, 17.7046 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 25.9785, 37.6616, 17.7046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

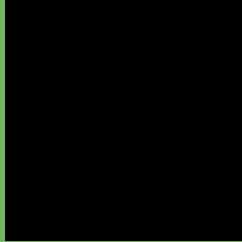
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.9785, 37.6616, 17.7046

Background



This preview shows how black text looks on a background with the XYZ color 25.9785, 37.6616, 17.7046.



This preview shows how white text looks on a background with the XYZ color 25.9785, 37.6616,

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

25.9785, 37.6616, 17.7046

Protanopia

34.0736, 37.0445, 15.7104

Deuteranopia

37.8955, 37.1396, 18.5360



Tritanopia

32.6799, 37.4539, 51.4058

Trichromacy



Original Color

25.9785, 37.6616, 17.7046

Protanomaly

30.3449, 36.7438, 16.3194

Deuteranomaly

32.2328, 36.5765, 18.1931

Tritanomaly

29.7669, 37.4287, 36.2274

Monochromacy



Original Color

25.9785, 37.6616, 17.7046

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

27.9783, 33.3768, 27.1581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9785, 37.6616, 17.7046 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(116, 181, 99)` looks like.

```
.text, #text, p{  
    color:rgb(116, 181, 99)  
}
```

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(116, 181, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 181, 99) }
```

Border

The CSS property to change the border of an element to XYZ 25.9785, 37.6616, 17.7046 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(116, 181, 99) }
```


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

```
.border{ border-color:rgb(116, 181, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 181, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 181, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 181, 99);  
box-shadow:4px 4px 4px 4px rgb(116, 181,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9785, 37.6616, 17.7046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 181, 99) }
```

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

```
.background{ background-color: rgb(116,  
181, 99) }
```

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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