

Converting Colors

XYZ(25.6593, 37.7284, 36.9915)

Have a look what the booklet for
XYZ(25.6593, 37.7284, 36.9915)
contains.

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Color

**XYZ(25.5975, 37.6500,
36.9284)**

Conversions

Conversions Part 1

Format	Color
Hex	49B79B
RGB	73, 183, 155
RGB Percent	29%, 72%, 61%
CMY	0.7137, 0.2823, 0.3922
CMYK	0.60, 0.00, 0.15, 0.28
HSL	165°, 43%, 50%
HSV	165°, 60%, 72%
XYZ	25.5975, 37.6500, 36.9284
YIQ	146.9180, -56.5720, -32.0280

Conversions

Conversions Part 2

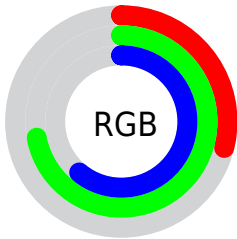
Format	Color
RYB	73, 136, 183
Decimal	4831131
CIELab	67.76, -38.15, 4.94
CIELCh	68, 38.470, 172.619
Yxy	37.6500, 0.2555, 0.3758
Android (android.graphics.Color)	4283021211 (0xFF49B79B)
YUV	146.9180, 3.9844, -64.8261
Hunter-Lab	61.3596, -32.9141, 7.2689

Details

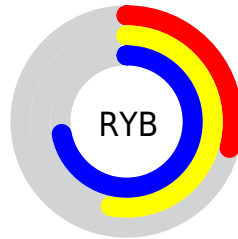
The XYZ color **25.5975, 37.6500, 36.9284** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **24.2611, 15.7729, 14.0789**, and the grayscale version is **27.7010, 29.1436, 31.7374**.

A 20% lighter version of the original color is **52.1844, 71.8292, 71.4356**, and **10.3489, 16.7000, 15.7747** is the 20% darker color. If you saturate the color by 10%, you get **24.0261, 36.8852, 34.8524**, and if you desaturate by 10%, it is **27.5940, 38.6341, 39.1048**.

Distribution



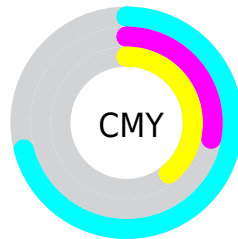
- Red (29%)
- Green (72%)
- Blue (61%)



- Red (29%)
- Yellow (53%)
- Blue (72%)



- Cyan (60%)
- Magenta (0%)
- Yellow (15%)
- Black (28%)




- Cyan (71%)
- Magenta (28%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.5975, 37.6500, 36.9284 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 25.5975, 37.6500, 36.9284 by changing the saturation by 10% instead.


 25.5975, 37.6500,
36.9284


 25.5975, 37.6500,
36.9284


273.0937,
336.1162, 348.1598


 16.6539, 25.7112,
24.8567


 52.0608, 71.5714,
71.6477

 10.0818, 16.6077,
15.7523


 70.3113, 94.3227,
95.1325


 5.5159, 9.9552,
9.1966


 92.3947, 121.4469,
123.2586

 2.5909, 5.3692,
4.7711

 118.6764,
153.3285, 156.4448

 0.9413, 2.4655,
2.0572

 149.5218,
190.3518, 195.1094

 0.0000, 0.8593,
0.5901

185.2962,

 0.0000, 0.0000,

232.9013, 239.6711

0.0000

226.3651,
281.3613, 290.5484

■ 25.5975, 37.6500,
36.9284

■ 25.5975, 37.6500,
36.9284

■ 24.0261, 36.8852,
34.8524

■ 27.5940, 38.6341,
39.1048

■ 22.8396, 36.3161,
32.8715

■ 30.0450, 39.8498,
41.3812

■ 21.9952, 35.9217,
30.9837

■ 32.9811, 41.3138,
43.7609

■ 21.4078, 35.6578,
29.2028

■ 36.4291, 43.0398,
46.2459

■ 40.4138, 45.0408,
48.8382

■ 44.9586, 47.3286,
51.5397

■ 50.0851, 49.9145,
54.3522

■ 55.8141, 52.8091,
57.2775

■ 62.1652, 56.0225,
60.3173

Harmonies

Analogous

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



27.4434, 37.6500, 24.1485



25.5975, 37.6500, 36.9284



26.2306, 37.6500, 54.9293

Triad

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



25.5975, 37.6500, 36.9284



40.3675, 37.6500, 79.2803



43.1888, 37.6500, 20.0838

Complementary

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



25.5975, 37.6500, 36.9284



24.2611, 15.7729, 14.0789

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.



47.4169, 37.6500, 29.6414



25.5975, 37.6500, 36.9284



45.6662, 37.6500, 64.2734

Square

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



25.5975, 37.6500, 36.9284



34.3358, 37.6500, 82.8219



48.3704, 37.6500, 45.3485



37.2749, 37.6500, 16.3324

Rectangle

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



25.5975, 37.6500, 36.9284



28.0104, 37.6500, 67.4191



48.3704, 37.6500, 45.3485



44.8800, 37.6500, 22.5722

Sweetspot

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



25.5986, 37.6515, 36.9293



66.4612, 77.6925, 83.6490



23.6546, 37.1938, 12.2363



14.2501, 16.9447, 18.1831



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



25.5986, 37.6515, 36.9293



42.3038, 65.7084, 61.3066



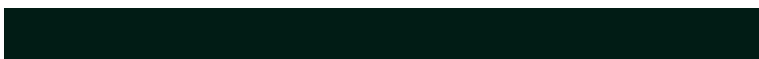
23.4095, 29.0636, 49.1775



9.1664, 10.1705, 11.0335



14.9627, 24.8860, 20.5236



0.5510, 0.8867, 0.8472

Inverse Universe

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



24.2611, 15.7729, 14.0789



39.7542, 23.0968, 17.0770



25.1625, 19.4100, 8.7242



9.0959, 9.0487, 9.8525



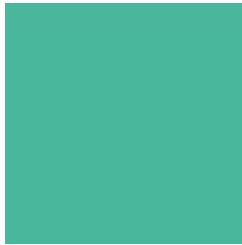
13.9996, 7.1736, 2.6185



0.5194, 0.2632, 0.2285

Previews

White Background



This preview shows how the XYZ color 25.5975, 37.6500, 36.9284 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 25.5975, 37.6500, 36.9284 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 25.5975, 37.6500, 36.9284

Background



This preview shows how black text looks on a background with the XYZ color 25.5975, 37.6500, 36.9284.

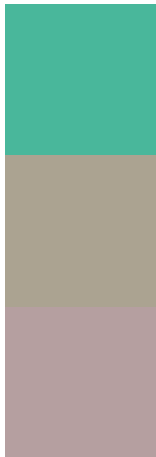


This preview shows how white text looks on a background with the XYZ color 25.5975, 37.6500,

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

25.5975, 37.6500, 36.9284

Protanopia

35.0026, 36.8966, 32.0650

Deuteranopia

37.7994, 37.1581, 38.4377



Tritanopia

29.3653, 37.6728, 55.5930

Trichromacy



Original Color

25.5975, 37.6500, 36.9284



Protanomaly

29.7912, 36.0703, 33.8259



Deuteranomaly

31.3295, 36.2247, 37.6886



Tritanomaly

27.9376, 37.6910, 48.4505

Monochromacy



Original Color

25.5975, 37.6500, 36.9284



Achromatopsia

27.7328, 29.1771, 31.7738



Achromatomaly

25.8216, 31.3367, 33.5418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5975, 37.6500, 36.9284 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(73, 183, 155)` looks like.

```
.text, #text, p{  
    color:rgb(73, 183, 155)  
}
```

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(73, 183, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 183, 155) }
```

Border

The CSS property to change the border of an element to XYZ 25.5975, 37.6500, 36.9284 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(73, 183, 155) }
```


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

```
.border{ border-color:rgb(73, 183, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 183, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 183, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 183, 155);  
box-shadow:4px 4px 4px 4px rgb(73, 183,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5975, 37.6500, 36.9284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 183, 155) }
```

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

```
.background{ background-color: rgb(73, 183,  
155) }
```

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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