

Converting Colors

XYZ(25.2135, 37.1944, 34.7045)

Have a look what the booklet for
XYZ(25.2135, 37.1944, 34.7045)
contains.

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Color

**XYZ(25.2135, 37.1944,
34.7045)**

Conversions

Conversions Part 1

Format	Color
Hex	4CB696
RGB	76, 182, 150
RGB Percent	30%, 71%, 59%
CMY	0.7019, 0.2863, 0.4118
CMYK	0.58, 0.00, 0.18, 0.29
HSL	162°, 42%, 51%
HSV	162°, 58%, 71%
XYZ	25.2135, 37.1944, 34.7045
YIQ	146.6580, -52.9040, -32.4240

Conversions

Conversions Part 2

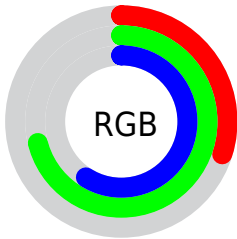
Format	Color
RYB	76, 138, 182
Decimal	5027478
CIELab	67.42, -38.31, 7.21
CIELCh	67, 38.985, 169.335
Yxy	37.1944, 0.2596, 0.3830
Android (android.graphics.Color)	4283217558 (0xFF4CB696)
YUV	146.6580, 1.6476, -61.9671
Hunter-Lab	60.9872, -32.9317, 8.9523

Details

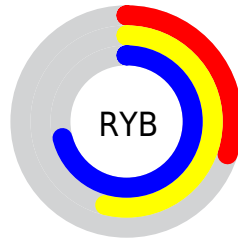
The XYZ color **25.2135, 37.1944, 34.7045** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **24.5839, 16.1977, 16.0197**, and the grayscale version is **27.6020, 29.0395, 31.6240**.

A 20% lighter version of the original color is **51.5971, 71.1610, 68.1427**, and **9.9713, 16.3392, 14.4326** is the 20% darker color. If you saturate the color by 10%, you get **23.5350, 36.3800, 32.3707**, and if you desaturate by 10%, it is **27.3238, 38.2309, 37.1685**.

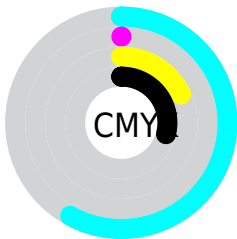
Distribution



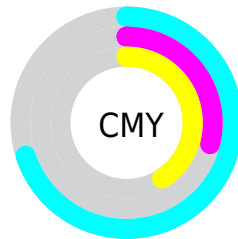
- Red (30%)
- Green (71%)
- Blue (59%)



- Red (30%)
- Yellow (54%)
- Blue (71%)



- Cyan (58%)
- Magenta (0%)
- Yellow (18%)
- Black (29%)





- Cyan (70%)
- Magenta (29%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.2135, 37.1944, 34.7045 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 25.2135, 37.1944, 34.7045 by changing the saturation by 10% instead.


 25.2135, 37.1944,
34.7045


 25.2135, 37.1944,
34.7045


271.2276,
334.1514, 338.1266


 16.3658, 25.3580,
23.1536


 51.4438, 70.8717,
68.1741

 9.8758, 16.3440,
14.5006


 69.5570, 93.4814,
90.9299


 5.3783, 9.7679,
8.3270


 91.4895, 120.4510,
118.2577

 2.5079, 5.2453,
4.2141

 117.6065,
152.1649, 150.5762

 0.8993, 2.3919,
1.7435

 148.2735,
189.0075, 188.3037

 0.0000, 0.8217,
0.3903

183.8558,

 0.0000, 0.0000,

231.3632, 231.8590

0.0000

224.7187,
279.6164, 281.6604

■ 25.2135, 37.1944,
34.7045

■ 25.2135, 37.1944,
34.7045

■ 23.5350, 36.3800,
32.3707

■ 27.3238, 38.2309,
37.1685

■ 22.2494, 35.7648,
30.1613

■ 29.8945, 39.5014,
39.7630

■ 21.3159, 35.3288,
28.0738

■ 32.9552, 41.0220,
42.4916

■ 20.6664, 35.0369,
26.1034

■ 36.5320, 42.8062,
45.3569

■ 20.5630, 34.9909,
25.7678

■ 40.6494, 44.8666,
48.3614

■ 45.3300, 47.2147,
51.5076

■ 50.5953, 49.8617,
54.7977

■ 56.4655, 52.8179,
58.2339

■ 62.9599, 56.0933,
61.8185

Harmonies

Analogous

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



27.3278, 37.1944, 22.6065



25.2135, 37.1944, 34.7045



25.5743, 37.1944, 52.4091

Triad

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



25.2135, 37.1944, 34.7045



39.2975, 37.1944, 80.1967



43.3868, 37.1944, 20.3030

Complementary

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



25.2135, 37.1944, 34.7045



24.5839, 16.1977, 16.0197

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.



47.3500, 37.1944, 30.5446



25.2135, 37.1944, 34.7045



44.8111, 37.1944, 65.9706

Square

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



25.2135, 37.1944, 34.7045



33.2666, 37.1944, 82.2457



47.8987, 37.1944, 46.9037



37.5232, 37.1944, 15.9911

Rectangle

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



25.2135, 37.1944, 34.7045



27.1835, 37.1944, 65.1630



47.8987, 37.1944, 46.9037



45.0124, 37.1944, 23.0059

Sweetspot

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



25.2145, 37.1959, 34.7054



66.8980, 77.9383, 82.7365



24.4103, 37.2665, 12.7448



14.4686, 17.0607, 18.0394



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.



25.2145, 37.1959, 34.7054



41.9099, 65.5896, 57.4830



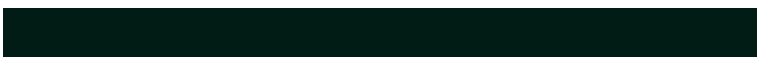
24.4456, 30.9561, 48.9443



9.1481, 10.1632, 10.9370



14.5513, 24.7215, 18.3570



0.5390, 0.8819, 0.7843

Inverse Universe

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



24.5839, 16.1977, 16.0197



40.7050, 23.9422, 20.6497



24.7285, 18.7307, 9.1503



9.1132, 9.0557, 9.9437



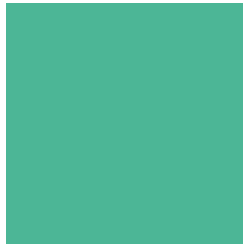
14.1357, 7.2280, 3.3353



0.5267, 0.2661, 0.2668

Previews

White Background



This preview shows how the XYZ color 25.2135, 37.1944, 34.7045 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 25.2135, 37.1944, 34.7045 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

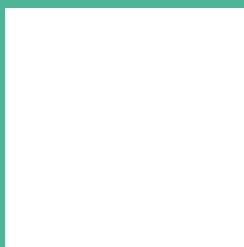
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.2135, 37.1944, 34.7045

Background



This preview shows how black text looks on a background with the XYZ color 25.2135, 37.1944, 34.7045.



This preview shows how white text looks on a background with the XYZ color 25.2135, 37.1944,

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

25.2135, 37.1944, 34.7045

Protanopia

34.6254, 36.7458, 30.0786

Deuteranopia

37.4347, 36.7654, 36.1338



Tritanopia

29.1458, 36.9859, 54.8931

Trichromacy



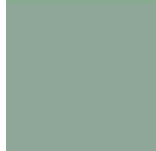
Original Color

25.2135, 37.1944, 34.7045



Protanomaly

29.5621, 35.9973, 31.7756



Deuteranomaly

30.8962, 35.7770, 35.4142



Tritanomaly

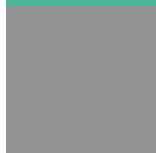
27.5032, 36.9067, 46.7484

Monochromacy



Original Color

25.2135, 37.1944, 34.7045



Achromatopsia

27.7328, 29.1771, 31.7738



Achromatomaly

25.8013, 31.3447, 32.7072

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2135, 37.1944, 34.7045 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(76, 182, 150)` looks like.

```
.text, #text, p{  
    color:rgb(76, 182, 150)  
}
```

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(76, 182, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 182, 150) }
```

Border

The CSS property to change the border of an element to XYZ 25.2135, 37.1944, 34.7045 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(76, 182, 150) }
```


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

```
.border{ border-color:rgb(76, 182, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 182, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 182, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 182, 150);  
box-shadow:4px 4px 4px 4px rgb(76, 182,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2135, 37.1944, 34.7045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 182, 150) }
```

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

```
.background{ background-color: rgb(76, 182,  
150) }
```

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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