

Converting Colors

XYZ(26.6053, 37.0868, 25.1445)

Have a look what the booklet for
XYZ(26.6053, 37.0868, 25.1445)
contains.

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Color

**XYZ(26.7612, 37.2983,
25.1909)**

Conversions

Conversions Part 1

Format	Color
Hex	72B37D
RGB	114, 179, 125
RGB Percent	45%, 70%, 49%
CMY	0.5529, 0.2980, 0.5098
CMYK	0.36, 0.00, 0.30, 0.30
HSL	130°, 30%, 57%
HSV	130°, 36%, 70%
XYZ	26.7612, 37.2983, 25.1909
YIQ	153.4090, -21.4060, -30.5740

Conversions

Conversions Part 2

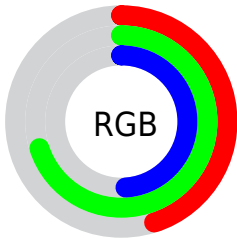
Format	Color
RYB	114, 170, 179
Decimal	7517053
CIELab	67.50, -32.20, 21.19
CIELCh	68, 38.547, 146.658
Yxy	37.2983, 0.2998, 0.4179
Android (android.graphics.Color)	4285707133 (0xFF72B37D)
YUV	153.4090, -14.0056, -34.5617
Hunter-Lab	61.0723, -28.6599, 18.2949

Details

The XYZ color **26.7612, 37.2983, 25.1909** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **31.6768, 24.4462, 40.0962**, and the grayscale version is **30.5232, 32.1128, 34.9709**.

A 20% lighter version of the original color is **53.8927, 70.9558, 52.9749**, and **10.7520, 16.4676, 9.4494** is the 20% darker color. If you saturate the color by 10%, you get **23.7769, 35.8626, 20.4582**, and if you desaturate by 10%, it is **30.3454, 39.0290, 30.6958**.

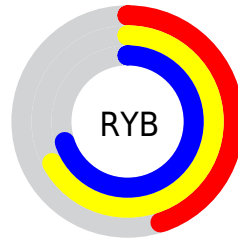
Distribution



Red (45%)

Green (70%)

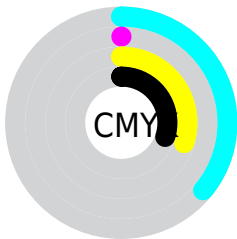
Blue (49%)



Red (45%)

Yellow (67%)

Blue (70%)

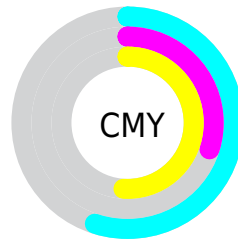


Cyan (36%)

Magenta (0%)

Yellow (30%)

Black (30%)



Cyan (55%)

Magenta (30%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7612, 37.2983, 25.1909 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 26.7612, 37.2983, 25.1909 by changing the saturation by 10% instead.

■ 26.7612, 37.2983,
25.1909

■ 26.7612, 37.2983,
25.1909

278.6877,
334.6002, 292.2654

■ 17.5296, 25.4385,
15.9990

■ 53.9230, 71.0313,
52.9347

■ 10.7104, 16.4041,
9.3691

■ 72.5840, 93.6734,
72.3237

■ 5.9383, 9.8105,
4.8826

■ 95.1188, 120.6783,
95.9489

■ 2.8479, 5.2735,
2.1210

121.8928,
152.4306, 124.2287

■ 1.0739, 2.4086,
0.6282

153.2713,
189.3145, 157.5817

■ 0.0031, 0.8303,
0.0000

189.6197,

■ 0.0000, 0.0000,

231.7145, 196.4264

0.0000

231.3034,
280.0149, 241.1815

■ 26.7612, 37.2983,
25.1909

■ 26.7612, 37.2983,
25.1909

■ 23.7769, 35.8626,
20.4582

■ 30.3454, 39.0290,
30.6958

■ 21.3565, 34.7008,
16.4609

■ 34.5569, 41.0649,
37.0026

■ 19.4649, 33.7967,
13.1625


■ 39.4252, 43.4216,
44.1426


■ 18.0613, 33.1301,
10.5229


■ 44.9768, 46.1121,
52.1447


■ 17.0993, 32.6780,
8.4976


■ 51.2368, 49.1490,
61.0364


 16.5185, 32.4103,
7.0364

 58.2292, 52.5439,
70.8437

 16.3590, 32.3369,
6.6275

 65.9766, 56.3079,
81.5920

 73.6853, 60.0315,
93.2672

 75.4108, 60.7217,
102.3536

Harmonies

Analogous

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



30.5820, 37.2983, 17.8775



26.7612, 37.2983, 25.1909



25.2522, 37.2983, 38.7395

Triad

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



26.7612, 37.2983, 25.1909



34.7911, 37.2983, 82.6581



46.6360, 37.2983, 27.6631

Complementary

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



26.7612, 37.2983, 25.1909



31.6768, 24.4462, 40.0962

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.



48.0812, 37.2983, 42.5429



26.7612, 37.2983, 25.1909



40.8110, 37.2983, 77.2980

Square

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



26.7612, 37.2983, 25.1909



29.5516, 37.2983, 74.4142



45.8434, 37.2983, 61.3094



42.0873, 37.2983, 19.0006

Rectangle

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



26.7612, 37.2983, 25.1909



25.6198, 37.2983, 50.6991



45.8434, 37.2983, 61.3094



47.5214, 37.2983, 31.9595

Sweetspot

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



26.7622, 37.2999, 25.1917



66.2085, 75.6337, 72.6350



35.3428, 41.8001, 22.1253



14.4125, 16.6327, 15.7164



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.



26.7622, 37.2999, 25.1917



43.3530, 64.5968, 37.8810



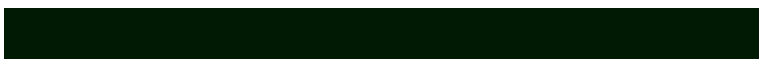
29.1749, 38.2650, 37.8971



8.4457, 9.5128, 9.3409



11.5765, 22.8566, 4.7727



0.3821, 0.7263, 0.2440

Inverse Universe

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



31.6768, 24.4462, 40.0962



53.5069, 38.0101, 68.6520



29.0291, 23.3871, 26.1534



8.7871, 8.6215, 10.3770



16.9746, 8.3074, 20.8239



0.5504, 0.2679, 0.7412

Previews

White Background



This preview shows how the XYZ color 26.7612, 37.2983, 25.1909 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 26.7612, 37.2983, 25.1909 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 26.7612, 37.2983, 25.1909

Background



This preview shows how black text looks on a background with the XYZ color 26.7612, 37.2983, 25.1909.



This preview shows how white text looks on a background with the XYZ color 26.7612, 37.2983,

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

26.7612, 37.2983, 25.1909

Protanopia

34.2717, 36.7325, 22.4233

Deuteranopia

37.5721, 36.8020, 26.2423



Tritanopia

31.9241, 37.0642, 51.3705

Trichromacy



Original Color

26.7612, 37.2983, 25.1909

Protanomaly

30.7760, 36.5287, 23.5178

Deuteranomaly

32.4557, 36.2553, 25.7095

Tritanomaly

29.7730, 37.0540, 40.2333

Monochromacy



Original Color

26.7612, 37.2983, 25.1909

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

28.5257, 33.3128, 30.9131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7612, 37.2983, 25.1909 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(114, 179, 125)` looks like.

```
.text, #text, p{  
    color:rgb(114, 179, 125)  
}
```

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(114, 179, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 179, 125) }
```

Border

The CSS property to change the border of an element to XYZ 26.7612, 37.2983, 25.1909 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(114, 179, 125) }
```


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

```
.border{ border-color:rgb(114, 179, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 179, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 179, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 179, 125);  
box-shadow:4px 4px 4px 4px rgb(114, 179,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7612, 37.2983, 25.1909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 179, 125) }
```

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

```
.background{ background-color: rgb(114,  
179, 125) }
```

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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