

Converting Colors

XYZ(26.9917, 35.4806, 25.0740)

Have a look what the booklet for
XYZ(26.9917, 35.4806, 25.0740)
contains.

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Color

**XYZ(26.9759, 35.3714,
25.1442)**

Conversions

Conversions Part 1

Format	Color
Hex	7DAC7E
RGB	125, 172, 126
RGB Percent	49%, 67%, 49%
CMY	0.5098, 0.3255, 0.5059
CMYK	0.27, 0.00, 0.27, 0.33
HSL	121°, 22%, 58%
HSV	121°, 27%, 67%
XYZ	26.9759, 35.3714, 25.1442
YIQ	152.7030, -13.2460, -24.2700

Conversions

Conversions Part 2

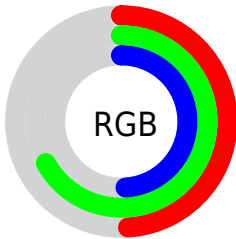
Format	Color
RYB	125, 171, 172
Decimal	8236158
CIELab	66.04, -25.02, 18.74
CIELCh	66, 31.260, 143.168
Yxy	35.3714, 0.3083, 0.4043
Android (android.graphics.Color)	4286426238 (0xFF7DAC7E)
YUV	152.7030, -13.1646, -24.2955
Hunter-Lab	59.4739, -23.1160, 16.5652

Details

The XYZ color **26.9759, 35.3714, 25.1442** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **31.6988, 26.3790, 41.9507**, and the grayscale version is **30.2095, 31.7827, 34.6114**.

A 20% lighter version of the original color is **54.4705, 68.3252, 52.9650**, and **10.7604, 15.1853, 9.3851** is the 20% darker color. If you saturate the color by 10%, you get **23.6827, 33.7898, 19.7891**, and if you desaturate by 10%, it is **30.8887, 37.2533, 31.4840**.

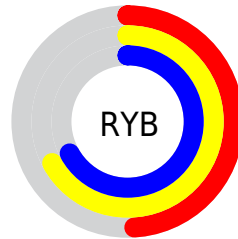
Distribution



Red (49%)

Green (67%)

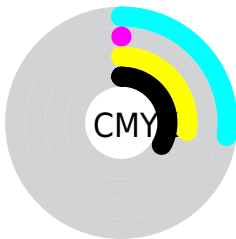
Blue (49%)



Red (49%)

Yellow (67%)

Blue (67%)

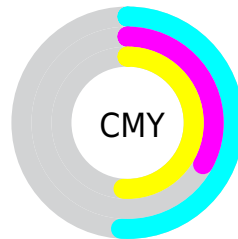


Cyan (27%)

Magenta (0%)

Yellow (27%)

Black (33%)



Cyan (51%)

Magenta (33%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9759, 35.3714, 25.1442 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 26.9759, 35.3714, 25.1442 by changing the saturation by 10% instead.

■ 26.9759, 35.3714,
25.1442

■ 26.9759, 35.3714,
25.1442

279.7101,
326.2046, 292.0259

■ 17.6916, 23.9491,
15.9645

■ 54.2654, 68.0607,
52.8581

■ 10.8272, 15.2959,
9.3450

■ 73.0012, 90.0966,
72.2294

■ 6.0172, 9.0273,
4.8670

■ 95.6184, 116.4390,
95.8349

■ 2.8963, 4.7590,
2.1121

122.4821,
147.4725, 124.0933

■ 1.0992, 2.1066,
0.6229

153.9578,
183.5814, 157.4231

■ 0.0244, 0.6683,
0.0000

190.4108,

■ 0.0000, 0.0000,

225.1501, 196.2427

0.0000

232.2064,
272.5631, 240.9708

■ 26.9759, 35.3714,
25.1442

■ 26.9759, 35.3714,
25.1442

■ 23.6827, 33.7898,
19.7891

■ 30.8887, 37.2533,
31.4840

■ 20.9747, 32.4889,
15.3672

■ 35.4475, 39.4451,
38.8520

■ 18.8184, 31.4534,
11.8257

■ 40.6807, 41.9615,
47.2917

■ 17.1760, 30.6653,
9.1059

■ 46.6142, 44.8151,
56.8437

■ 16.0048, 30.1037,
7.1416

■ 53.2725, 48.0175,
67.5464

■ 15.2551, 29.7449,
5.8568

■ 60.6788, 51.5802,
79.4362

■ 14.8555, 29.5540,
5.1559

■ 68.8555, 55.5136,
92.5481

■ 14.7733, 29.5145,
5.0233

■ 74.0432, 57.9864,
101.8977

Harmonies

Analogous

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



30.2321, 35.3714, 19.4841



26.9759, 35.3714, 25.1442



25.5208, 35.3714, 35.5550

Triad

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



26.9759, 35.3714, 25.1442



32.5699, 35.3714, 69.8386



42.5010, 35.3714, 29.3151

Complementary

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



26.9759, 35.3714, 25.1442



31.6988, 26.3790, 41.9507

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.



43.2723, 35.3714, 41.6315



26.9759, 35.3714, 25.1442



37.2509, 35.3714, 67.0829

Square

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



26.9759, 35.3714, 25.1442



28.5527, 35.3714, 62.7809



41.2730, 35.3714, 55.9389



39.2528, 35.3714, 21.4770

Rectangle

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



26.9759, 35.3714, 25.1442



25.6635, 35.3714, 44.6286



41.2730, 35.3714, 55.9389



43.0701, 35.3714, 32.9841

Sweetspot

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



26.9768, 35.3729, 25.1450



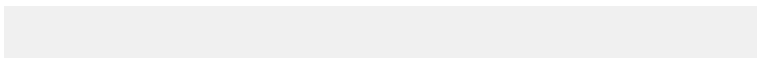
63.5832, 71.2093, 69.3162



35.2976, 39.6698, 25.1991



13.5406, 15.3420, 14.6158



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



26.9768, 35.3729, 25.1450



45.0664, 62.3082, 39.3246



28.6585, 36.0456, 34.0006



7.9112, 8.9420, 8.5571



10.9958, 21.9636, 3.7518



0.3081, 0.6119, 0.1159

Inverse Universe

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



31.6988, 26.3790, 41.9507



55.1221, 43.1534, 75.1119



29.6709, 25.5678, 31.2718



8.3296, 8.1451, 10.0465



17.9466, 8.6412, 28.4280



0.5015, 0.2413, 0.8027

Previews

White Background



This preview shows how the XYZ color 26.9759, 35.3714, 25.1442 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 26.9759, 35.3714, 25.1442 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 26.9759, 35.3714, 25.1442

Background



This preview shows how black text looks on a background with the XYZ color 26.9759, 35.3714, 25.1442.



This preview shows how white text looks on a background with the XYZ color 26.9759, 35.3714,

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

26.9759, 35.3714, 25.1442

Protanopia

32.7556, 35.1556, 22.8286

Deuteranopia

35.8346, 35.1620, 26.0174



Tritanopia

31.3225, 35.1930, 47.2615

Trichromacy



Original Color

26.9759, 35.3714, 25.1442

Protanomaly

30.1147, 34.8261, 23.5472

Deuteranomaly

32.0172, 34.9672, 25.8307

Tritanomaly

29.6207, 35.3338, 38.0598

Monochromacy



Original Color

26.9759, 35.3714, 25.1442

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

28.8564, 32.9644, 30.8285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9759, 35.3714, 25.1442 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(125, 172, 126)` looks like.

```
.text, #text, p{  
    color:rgb(125, 172, 126)  
}
```

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(125, 172, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 172, 126) }
```

Border

The CSS property to change the border of an element to XYZ 26.9759, 35.3714, 25.1442 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(125, 172, 126) }
```


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

```
.border{ border-color:rgb(125, 172, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 172, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 172, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 172, 126);  
box-shadow:4px 4px 4px 4px rgb(125, 172,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9759, 35.3714, 25.1442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 172, 126) }
```

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

```
.background{ background-color: rgb(125,  
172, 126) }
```

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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