

Converting Colors

XYZ(35.2276, 40.7725, 25.7519)

Have a look what the booklet for
XYZ(35.2276, 40.7725, 25.7519)
contains.

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Color

**XYZ(35.2276, 40.7725,
25.7519)**

Conversions

Conversions Part 1

Format	Color
Hex	A7B07E
RGB	167, 176, 126
RGB Percent	65%, 69%, 49%
CMY	0.3451, 0.3098, 0.5059
CMYK	0.05, 0.00, 0.28, 0.31
HSL	71°, 24%, 59%
HSV	71°, 28%, 69%
XYZ	35.2276, 40.7725, 25.7519
YIQ	167.6090, 10.6860, -17.4580

Conversions

Conversions Part 2

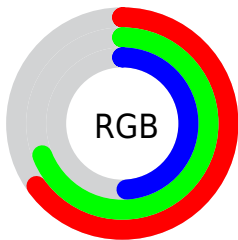
Format	Color
RYB	126, 176, 135
Decimal	10989694
CIELab	70.02, -11.60, 24.62
CIELCh	70, 27.217, 115.232
Yxy	40.7725, 0.3462, 0.4007
Android (android.graphics.Color)	4289179774 (0xFFA7B07E)
YUV	167.6090, -20.5132, -0.5341
Hunter-Lab	63.8533, -13.2657, 20.7858

Details

The XYZ color **35.2276, 40.7725, 25.7519** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.2906, 23.2083, 44.2232**, and the grayscale version is **37.1223, 39.0556, 42.5315**.

A 20% lighter version of the original color is **67.4247, 76.6559, 53.8902**, and **15.4516, 18.5145, 9.5967** is the 20% darker color. If you saturate the color by 10%, you get **33.5294, 40.0182, 20.2567**, and if you desaturate by 10%, it is **37.1442, 41.6188, 32.3020**.

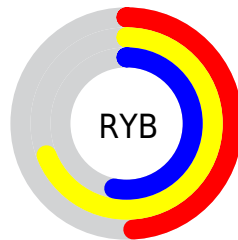
Distribution



Red (65%)

Green (69%)

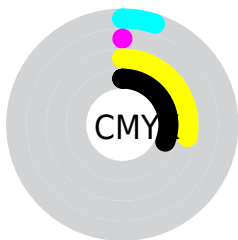
Blue (49%)



Red (49%)

Yellow (69%)

Blue (53%)

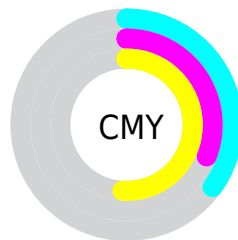


Cyan (5%)

Magenta (0%)

Yellow (28%)

Black (31%)



Cyan (35%)

Magenta (31%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2276, 40.7725, 25.7519 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 35.2276, 40.7725, 25.7519 by changing the saturation by 10% instead.

■ 35.2276, 40.7725,
25.7519

■ 35.2276, 40.7725,
25.7519

317.0622,
349.3689, 295.1287

■ 24.0056, 28.1414,
16.4140

■ 67.1699, 76.3384,
53.8536

■ 15.4625, 18.4322,
9.6601

■ 88.6209, 100.0420,
73.4545

■ 9.2331, 11.2608,
5.0715

■ 114.2123,
128.2052, 97.3135

■ 4.9518, 6.2425,
2.2298

144.3094,
161.2123, 125.8491

■ 2.2535, 2.9931,
0.6915

179.2776,
199.4479, 159.4799

■ 0.7707, 1.1281,
0.0000

219.4822,

■ 0.0000, 0.0018,

243.2963, 198.6244

0.0000

265.2887,
293.1418, 243.7011

■ 0.0000, 0.0000,
0.0000

■ 35.2276, 40.7725,
25.7519

■ 35.2276, 40.7725,
25.7519

■ 33.5294, 40.0182,
20.2567

■ 37.1442, 41.6188,
32.3020

■ 32.0358, 39.3463,
15.7587

■ 39.2858, 42.5557,
39.9555

■ 30.7364, 38.7538,
12.1985

■ 41.6626, 43.5886,
48.7611

■ 29.6183, 38.2358,
9.5095

■ 44.2834, 44.7209,
58.7637

■ 28.6671, 37.7864,
7.6163

■ 47.1563, 45.9561,
70.0060

■ 27.8660, 37.3988,
6.4306

■ 50.2892, 47.2972,
82.5284

■ 27.1861, 37.0615,
5.8011

■ 53.6893, 48.7473,
96.3696

■ 27.0823, 37.0097,
5.7162

■ 55.4043, 49.5252,
101.2469

■ 56.2175, 49.9444,
101.2850

Harmonies

Analogous

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



39.4667, 40.7725, 24.2201



35.2276, 40.7725, 25.7519



32.1566, 40.7725, 31.8641

Triad

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



35.2276, 40.7725, 25.7519



34.0872, 40.7725, 67.6516



47.8952, 40.7725, 46.4570

Complementary

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



35.2276, 40.7725, 25.7519



25.2906, 23.2083, 44.2232

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.



46.1950, 40.7725, 59.8419



35.2276, 40.7725, 25.7519



38.0480, 40.7725, 73.4777

Square

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



35.2276, 40.7725, 25.7519



31.5342, 40.7725, 55.6499



42.5062, 40.7725, 70.3776



46.9971, 40.7725, 34.7689

Rectangle

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



35.2276, 40.7725, 25.7519



31.0725, 40.7725, 38.4509



42.5062, 40.7725, 70.3776



47.6051, 40.7725, 50.9206

Sweetspot

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



35.2286, 40.7743, 25.7528



70.9426, 77.0448, 71.3531



30.2430, 27.8801, 23.5267



15.2498, 16.6425, 15.0121



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



35.2286, 40.7743, 25.7528



61.9385, 73.0806, 40.3201



30.5627, 38.3689, 25.5344



9.0440, 9.8278, 9.0728



19.9145, 27.1763, 4.1960



0.6657, 0.8753, 0.1339

Inverse Universe

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



25.2906, 23.2083, 44.2232



40.9808, 36.0252, 79.2889



29.6630, 25.4624, 44.4279



8.1800, 8.3013, 10.6775



6.2165, 2.5405, 30.2997



0.2384, 0.1020, 0.9554

Previews

White Background



This preview shows how the XYZ color 35.2276, 40.7725, 25.7519 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 35.2276, 40.7725, 25.7519 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

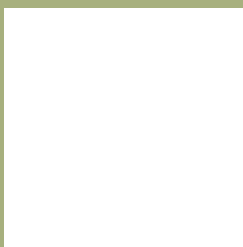
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.2276, 40.7725, 25.7519

Background



This preview shows how black text looks on a background with the XYZ color 35.2276, 40.7725, 25.7519.



This preview shows how white text looks on a background with the XYZ color 35.2276, 40.7725,

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

35.2276, 40.7725, 25.7519

Protanopia

37.9682, 40.7714, 24.9373

Deuteranopia

41.3253, 40.5534, 26.4184



Tritanopia

40.0870, 40.7520, 50.0091

Trichromacy



Original Color

35.2276, 40.7725, 25.7519

Protanomaly

37.0053, 40.8328, 25.3332

Deuteranomaly

38.8852, 40.3826, 26.1672

Tritanomaly

38.0687, 40.7716, 40.0457

Monochromacy



Original Color

35.2276, 40.7725, 25.7519

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.4611, 39.7506, 35.8879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2276, 40.7725, 25.7519 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(167, 176, 126)` looks like.

```
.text, #text, p{  
    color:rgb(167, 176, 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(167, 176, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 176, 126) }
```

Border

The CSS property to change the border of an element to XYZ 35.2276, 40.7725, 25.7519 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(167, 176, 126) }
```


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

```
.border{ border-color:rgb(167, 176, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 176, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 176, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 176, 126);  
box-shadow:4px 4px 4px 4px rgb(167, 176,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2276, 40.7725, 25.7519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 176, 126) }
```

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

```
.background{ background-color: rgb(167,  
176, 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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