

Converting Colors

XYZ(25.6653, 35.6439, 21.1508)

Have a look what the booklet for
XYZ(25.6653, 35.6439, 21.1508)
contains.

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Color

**XYZ(25.6467, 35.6341,
21.1491)**

Conversions

Conversions Part 1

Format	Color
Hex	75AF71
RGB	117, 175, 113
RGB Percent	46%, 69%, 44%
CMY	0.5412, 0.3137, 0.5569
CMYK	0.33, 0.00, 0.35, 0.31
HSL	116°, 28%, 56%
HSV	116°, 35%, 69%
XYZ	25.6467, 35.6341, 21.1491
YIQ	150.5900, -14.6660, -31.5780

Conversions

Conversions Part 2

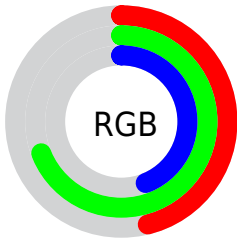
Format	Color
RYB	113, 175, 171
Decimal	7712625
CIELab	66.24, -31.38, 25.97
CIELCh	66, 40.732, 140.395
Yxy	35.6341, 0.3111, 0.4323
Android (android.graphics.Color)	4285902705 (0xFF75AF71)
YUV	150.5900, -18.5319, -29.4584
Hunter-Lab	59.6943, -27.7754, 20.7802

Details

The XYZ color **25.6467, 35.6341, 21.1491** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **30.4392, 23.5644, 43.5034**, and the grayscale version is **29.3221, 30.8491, 33.5947**.

A 20% lighter version of the original color is **52.1620, 68.5264, 46.0750**, and **10.0649, 15.4131, 7.2950** is the 20% darker color. If you saturate the color by 10%, you get **22.7445, 34.2421, 16.3570**, and if you desaturate by 10%, it is **29.1255, 37.3035, 26.9614**.

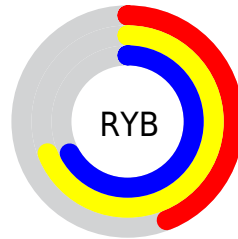
Distribution



Red (46%)

Green (69%)

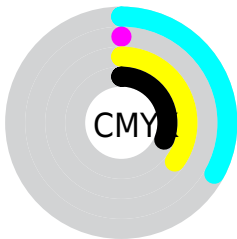
Blue (44%)



Red (44%)

Yellow (69%)

Blue (67%)

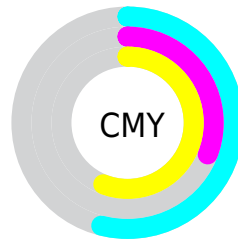


Cyan (33%)

Magenta (0%)

Yellow (35%)

Black (31%)



Cyan (54%)

Magenta (31%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6467, 35.6341, 21.1491 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 25.6467, 35.6341, 21.1491 by changing the saturation by 10% instead.

■ 25.6467, 35.6341,
21.1491

■ 25.6467, 35.6341,
21.1491

273.3320,
327.3584, 270.8768

■ 16.6908, 24.1517,
13.0407

■ 52.1398, 68.4669,
46.2196

■ 10.1082, 15.4462,
7.3255

■ 70.4077, 90.5862,
64.0187

■ 5.5336, 9.1331,
3.5850

■ 92.5104, 117.0199,
85.8852

■ 2.6016, 4.8281,
1.4006

■ 118.8131,
148.1524, 112.2376

■ 0.9467, 2.1468,
0.1421

149.6813,
184.3681, 143.4944

■ 0.0000, 0.6907,
0.0000

185.4803,

■ 0.0000, 0.0000,

226.0514, 180.0742

0.0000

226.5754,
273.5867, 222.3955

■ 25.6467, 35.6341,
21.1491

■ 25.6467, 35.6341,
21.1491

■ 22.7445, 34.2421,
16.3570

■ 29.1255, 37.3035,
26.9614

■ 20.3851, 33.1082,
12.5240

■ 33.2068, 39.2593,
33.8456

■ 18.5355, 32.2178,
9.5864


■ 37.9182, 41.5158,
41.8526


■ 17.1580, 31.5530,
7.4715


■ 43.2850, 44.0849,
51.0294

■ 16.2096, 31.0936,
6.0956


■ 49.3308, 46.9779,
61.4203


 15.6386, 30.8151,
5.3534

 56.0782, 50.2056,
73.0674

 15.4725, 30.7345,
5.1169

 63.5488, 53.7781,
86.0106

 71.7632, 57.7052,
100.2883

 74.6207, 59.1414,
102.0902

Harmonies

Analogous

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



29.9611, 35.6341, 15.1400



25.6467, 35.6341, 21.1491



23.6125, 35.6341, 33.4837

Triad

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



25.6467, 35.6341, 21.1491



31.9583, 35.6341, 81.9870



46.0333, 35.6341, 28.2744

Complementary

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



25.6467, 35.6341, 21.1491



30.4392, 23.5644, 43.5034

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.



46.7341, 35.6341, 44.6500



25.6467, 35.6341, 21.1491



38.1030, 35.6341, 79.3362

Square

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



25.6467, 35.6341, 21.1491



26.9583, 35.6341, 70.6837



43.6843, 35.6341, 64.2567



41.8704, 35.6341, 18.3187

Rectangle

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



25.6467, 35.6341, 21.1491



23.6346, 35.6341, 45.1510



43.6843, 35.6341, 64.2567



46.6994, 35.6341, 33.0734

Sweetspot

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



25.6476, 35.6356, 21.1499



62.9055, 71.9547, 66.4413



35.1992, 39.3835, 21.3699



13.7383, 15.8762, 14.3545



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.



25.6476, 35.6356, 21.1499



41.5394, 61.7109, 30.6171



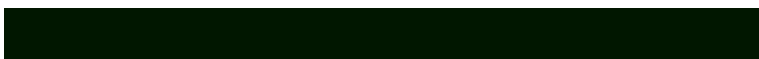
26.8649, 36.0618, 30.3051



7.9506, 8.9631, 8.5244



11.0998, 22.0192, 3.6651



0.3239, 0.6204, 0.1027

Inverse Universe

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



30.4392, 23.5644, 43.5034



51.4704, 36.6574, 76.9997



28.9414, 23.0675, 31.0006



8.2853, 8.1214, 10.0836



16.4828, 7.8571, 29.6923



0.4735, 0.2263, 0.8267

Previews

White Background



This preview shows how the XYZ color 25.6467, 35.6341, 21.1491 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 25.6467, 35.6341, 21.1491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

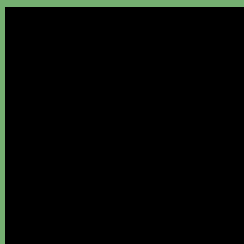
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.6467, 35.6341, 21.1491

Background



This preview shows how black text looks on a background with the XYZ color 25.6467, 35.6341, 21.1491.



This preview shows how white text looks on a background with the XYZ color 25.6467, 35.6341,

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

25.6467, 35.6341, 21.1491

Protanopia

32.6802, 35.2018, 18.9821

Deuteranopia

36.0608, 35.3664, 22.0653



Tritanopia

31.1102, 35.5998, 48.4118

Trichromacy



Original Color

25.6467, 35.6341, 21.1491

Protanomaly

29.3523, 34.7867, 19.6355

Deuteranomaly

31.1770, 34.8881, 21.6139

Tritanomaly

28.8329, 35.5097, 36.7869

Monochromacy



Original Color

25.6467, 35.6341, 21.1491

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

27.7336, 32.4367, 28.4661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6467, 35.6341, 21.1491 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(117, 175, 113)` looks like.

```
.text, #text, p{  
    color:rgb(117, 175, 113)  
}
```

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(117, 175, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 175, 113) }
```

Border

The CSS property to change the border of an element to XYZ 25.6467, 35.6341, 21.1491 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(117, 175, 113) }
```


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

```
.border{ border-color:rgb(117, 175, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 175, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 175, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 175, 113);  
box-shadow:4px 4px 4px 4px rgb(117, 175,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6467, 35.6341, 21.1491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 175, 113) }
```

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

```
.background{ background-color: rgb(117,  
175, 113) }
```

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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