

Converting Colors

XYZ(25.6056, 35.1290, 16.9863)

Have a look what the booklet for
XYZ(25.6056, 35.1290, 16.9863)
contains.

XYZ(25.6056, 35.1290, 16.9863)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.6056, 35.1290,
16.9863)**

Conversions

Conversions Part 1

Format	Color
Hex	7DAD62
RGB	125, 173, 98
RGB Percent	49%, 68%, 38%
CMY	0.5098, 0.3216, 0.6157
CMYK	0.28, 0.00, 0.43, 0.32
HSL	98°, 31%, 53%
HSV	98°, 43%, 68%
XYZ	25.6056, 35.1290, 16.9863
YIQ	150.0980, -4.5330, -33.5010

Conversions

Conversions Part 2

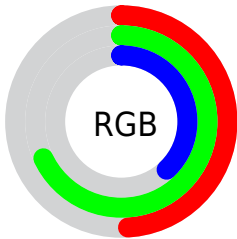
Format	Color
RYB	98, 173, 146
Decimal	8236386
CIELab	65.85, -29.87, 33.45
CIELCh	66, 44.849, 131.763
Yxy	35.1290, 0.3295, 0.4520
Android (android.graphics.Color)	4286426466 (0xFF7DAD62)
YUV	150.0980, -25.6843, -22.0109
Hunter-Lab	59.2697, -26.6068, 24.4967

Details

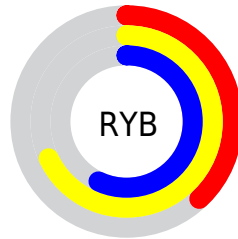
The XYZ color **25.6056, 35.1290, 16.9863** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **23.7663, 17.8646, 41.7328**, and the grayscale version is **29.1388, 30.6563, 33.3847**.

A 20% lighter version of the original color is **52.1147, 67.8243, 39.1988**, and **10.0185, 15.0712, 5.2867** is the 20% darker color. If you saturate the color by 10%, you get **23.3483, 34.0508, 13.0679**, and if you desaturate by 10%, it is **28.2215, 36.3738, 21.8445**.

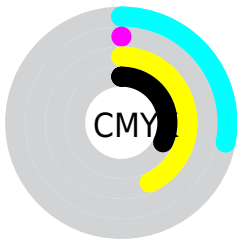
Distribution



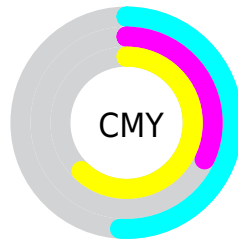
- Red (49%)
- Green (68%)
- Blue (38%)



- Red (38%)
- Yellow (68%)
- Blue (57%)



- Cyan (28%)
- Magenta (0%)
- Yellow (43%)
- Black (32%)



- Cyan (51%)
- Magenta (32%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6056, 35.1290, 16.9863 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 25.6056, 35.1290, 16.9863 by changing the saturation by 10% instead.

■ 25.6056, 35.1290,
16.9863

■ 25.6056, 35.1290,
16.9863

273.1329,
325.1374, 247.1347

■ 16.6599, 23.7623,
10.0629

■ 52.0738, 67.6856,
39.0925

■ 10.0861, 15.1574,
5.3345

■ 70.3271, 89.6442,
55.1124

■ 5.5188, 8.9299,
2.3827

■ 92.4137, 115.9022,
75.0016

■ 2.5926, 4.6955,
0.7770

■ 118.6989,
146.8440, 99.1785

■ 0.9422, 2.0697,
0.0000

149.5481,
182.8541, 128.0617

■ 0.0000, 0.6475,
0.0000

185.3265,

■ 0.0000, 0.0000,

224.3167, 162.0698

0.0000

226.3997,
271.6163, 201.6213

■ 25.6056, 35.1290,
16.9863

■ 25.6056, 35.1290,
16.9863

■ 23.3483, 34.0508,
13.0679

■ 28.2215, 36.3738,
21.8445

■ 21.4296, 33.1270,
10.0263

■ 31.2094, 37.7877,
27.6956

■ 19.8313, 32.3508,
7.7943


■ 34.5852, 39.3789,
34.5914


■ 18.5320, 31.7129,
6.2940


■ 38.3631, 41.1535,
42.5795

■ 17.5072, 31.2026,
5.4320


■ 42.5564, 43.1176,
51.7045

 16.9482, 30.9217,
5.0752

 47.1779, 45.2769,
62.0086

 52.2398, 47.6365,
73.5317

 57.7537, 50.2019,
86.3120

 63.7309, 52.9779,
100.3858

Harmonies

Analogous

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



30.8598, 35.1290, 12.5032



25.6056, 35.1290, 16.9863



22.6964, 35.1290, 27.9342

Triad

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



25.6056, 35.1290, 16.9863



29.5605, 35.1290, 84.3932



47.4713, 35.1290, 31.2862

Complementary

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



25.6056, 35.1290, 16.9863



23.7663, 17.8646, 41.7328

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.



47.0022, 35.1290, 50.8351



25.6056, 35.1290, 16.9863



36.0529, 35.1290, 86.2128

Square

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



25.6056, 35.1290, 16.9863



24.7630, 35.1290, 68.0438



42.6088, 35.1290, 72.4098



43.8164, 35.1290, 18.7385

Rectangle

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



25.6056, 35.1290, 16.9863



22.2101, 35.1290, 39.3824



42.6088, 35.1290, 72.4098



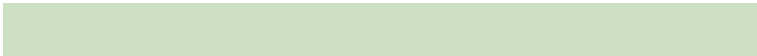
47.8025, 35.1290, 37.1385

Sweetspot

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



25.6065, 35.1305, 16.9871



62.0178, 70.5601, 62.1158



29.6416, 30.1715, 15.8172



13.1822, 15.1951, 12.8863



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.



25.6065, 35.1305, 16.9871



41.9801, 61.0602, 23.6803



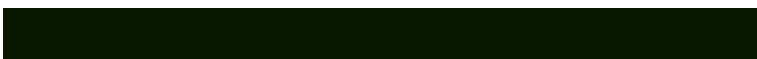
22.6885, 33.5682, 19.4715



8.1665, 9.0744, 8.5345



12.5080, 22.7452, 3.7310



0.4088, 0.6641, 0.1066

Inverse Universe

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



23.7663, 17.8646, 41.7328



38.2264, 26.0615, 73.8214



28.2135, 20.2649, 37.0766



8.0532, 8.0017, 10.0727



10.3962, 4.7193, 29.4075



0.3461, 0.1606, 0.8207

Previews

White Background



This preview shows how the XYZ color 25.6056, 35.1290, 16.9863 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 25.6056, 35.1290, 16.9863 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 25.6056, 35.1290, 16.9863

Background



This preview shows how black text looks on a background with the XYZ color 25.6056, 35.1290, 16.9863.



This preview shows how white text looks on a background with the XYZ color 25.6056, 35.1290,

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

25.6056, 35.1290, 16.9863

Protanopia

32.0531, 34.7005, 15.3644

Deuteranopia

35.4146, 34.6422, 17.6520



Tritanopia

31.5278, 35.0436, 46.6974

Trichromacy



Original Color

25.6056, 35.1290, 16.9863

Protanomaly

29.2456, 34.5452, 15.9530

Deuteranomaly

31.0682, 34.4060, 17.3155

Tritanomaly

28.8369, 34.7621, 33.2069

Monochromacy



Original Color

25.6056, 35.1290, 16.9863

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.3081, 31.7551, 26.1628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6056, 35.1290, 16.9863 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, 173, 98)` looks like.

```
.text, #text, p{  
    color:rgb(125, 173, 98)  
}
```

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, 173, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 173, 98) }
```

Border

The CSS property to change the border of an element to XYZ 25.6056, 35.1290, 16.9863 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, 173, 98) }
```


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

```
.border{ border-color:rgb(125, 173, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 173, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 173, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 173, 98);  
box-shadow:4px 4px 4px 4px rgb(125, 173,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6056, 35.1290, 16.9863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 173, 98) }
```

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

```
.background{ background-color: rgb(125,  
173, 98) }
```

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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