

Converting Colors

XYZ(25.7947, 35.7888, 26.2944)

Have a look what the booklet for
XYZ(25.7947, 35.7888, 26.2944)
contains.

XYZ(25.9182, 35.9506, 26.3420)	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(25.9182, 35.9506,
26.3420)**

Conversions

Conversions Part 1

Format	Color
Hex	6EB081
RGB	110, 176, 129
RGB Percent	43%, 69%, 51%
CMY	0.5686, 0.3098, 0.4941
CMYK	0.38, 0.00, 0.27, 0.31
HSL	137°, 29%, 56%
HSV	137°, 38%, 69%
XYZ	25.9182, 35.9506, 26.3420
YIQ	150.9080, -24.2490, -28.6090

Conversions

Conversions Part 2

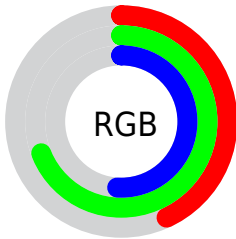
Format	Color
RYB	110, 161, 176
Decimal	7254145
CIELab	66.48, -31.29, 17.59
CIELCh	66, 35.897, 150.660
Yxy	35.9506, 0.2938, 0.4076
Android (android.graphics.Color)	4285444225 (0xFF6EB081)
YUV	150.9080, -10.8006, -35.8763
Hunter-Lab	59.9588, -27.7683, 15.9230

Details

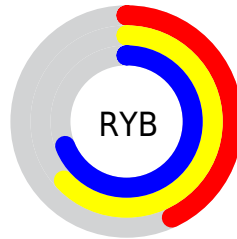
The XYZ color **25.9182, 35.9506, 26.3420** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **29.5674, 22.8171, 34.7456**, and the grayscale version is **29.4290, 30.9616, 33.7172**.

A 20% lighter version of the original color is **52.6100, 68.9831, 54.7982**, and **10.2392, 15.6300, 9.8744** is the 20% darker color. If you saturate the color by 10%, you get **23.1595, 34.6199, 22.1277**, and if you desaturate by 10%, it is **29.2160, 37.5494, 31.1166**.

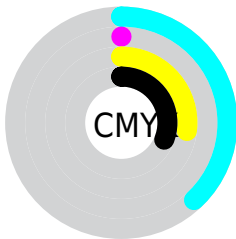
Distribution



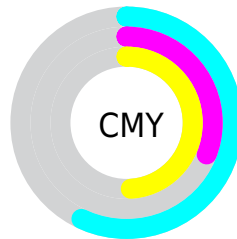
- Red (43%)
- Green (69%)
- Blue (51%)



- Red (43%)
- Yellow (63%)
- Blue (69%)



- Cyan (38%)
- Magenta (0%)
- Yellow (27%)
- Black (31%)



- Cyan (57%)
- Magenta (31%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9182, 35.9506, 26.3420 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 25.9182, 35.9506, 26.3420 by changing the saturation by 10% instead.

■ 25.9182, 35.9506,
26.3420

■ 25.9182, 35.9506,
26.3420

274.6444,
328.7446, 298.1156

■ 16.8948, 24.3960,
16.8516

■ 52.5752, 68.9558,
54.8170

■ 10.2544, 15.6277,
9.9679

■ 70.9395, 91.1753,
74.6387

■ 5.6315, 9.2611,
5.2724

■ 93.1482, 117.7185,
98.7412

■ 2.6608, 4.9119,
2.3464

■ 119.5666,
148.9698, 127.5432

■ 0.9771, 2.1956,
0.7570

150.5600,
185.3137, 161.4630

■ 0.0000, 0.7176,
0.0000

186.4939,

■ 0.0000, 0.0000,

227.1345, 200.9194

0.0000

227.7336,
274.8167, 246.3307

■ 25.9182, 35.9506,
26.3420

■ 25.9182, 35.9506,
26.3420

■ 23.1595, 34.6199,
22.1277

■ 29.2160, 37.5494,
31.1166

■ 20.9074, 33.5380,
18.4507

■ 33.0772, 39.4255,
36.4685

■ 19.1304, 32.6900,
15.2899


■ 37.5282, 41.5930,
42.4173

■ 17.7920, 32.0577,
12.6218


■ 42.5928, 44.0639,
48.9805

■ 16.8501, 31.6198,
10.4210

■ 48.2935, 46.8493,
56.1752


 16.2422, 31.3448,
8.6595

 54.6515, 49.9600,
64.0178

 16.1162, 31.2881,
8.2833

 61.6871, 53.4061,
72.5239

 69.4199, 57.1972,
81.7088

 72.7637, 58.7111,
91.3482

Harmonies

Analogous

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



29.1590, 35.9506, 18.7814



25.9182, 35.9506, 26.3420



24.8301, 35.9506, 39.4866

Triad

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



25.9182, 35.9506, 26.3420



34.2893, 35.9506, 76.8953



43.8690, 35.9506, 25.8904

Complementary

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



25.9182, 35.9506, 26.3420



29.5674, 22.8171, 34.7456

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.



45.5996, 35.9506, 38.8036



25.9182, 35.9506, 26.3420



39.7244, 35.9506, 70.5800

Square

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



25.9182, 35.9506, 26.3420



29.3452, 35.9506, 71.0871



44.0100, 35.9506, 55.5391



39.4965, 35.9506, 18.5729

Rectangle

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



25.9182, 35.9506, 26.3420



25.3715, 35.9506, 50.5617



44.0100, 35.9506, 55.5391



44.7984, 35.9506, 29.5894

Sweetspot

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



25.9191, 35.9521, 26.3428



64.9531, 73.9186, 72.8162



32.3043, 39.3764, 20.6501



13.8444, 15.9064, 15.4711



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.



25.9191, 35.9521, 26.3428



42.7922, 63.1672, 41.3696



28.4518, 36.9652, 39.6796



8.4862, 9.5290, 9.5542



11.8467, 22.9646, 6.1955



0.3986, 0.7329, 0.3313

Inverse Universe

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



29.5674, 22.8171, 34.7456



50.3610, 35.8791, 58.7738



27.1386, 21.8456, 21.9553



8.7437, 8.6042, 10.1485



15.8948, 7.8755, 15.1379



0.5238, 0.2573, 0.6012

Previews

White Background



This preview shows how the XYZ color 25.9182, 35.9506, 26.3420 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 25.9182, 35.9506, 26.3420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

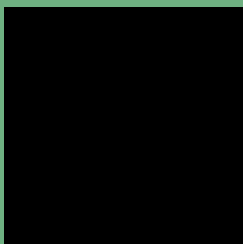
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

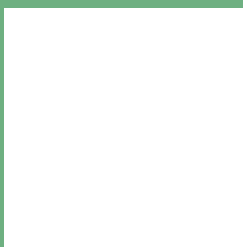
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.9182, 35.9506, 26.3420

Background



This preview shows how black text looks on a background with the XYZ color 25.9182, 35.9506, 26.3420.



This preview shows how white text looks on a background with the XYZ color 25.9182, 35.9506,

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

25.9182, 35.9506, 26.3420

Protanopia

33.2710, 35.6655, 23.5429

Deuteranopia

36.2741, 35.6030, 27.5145



Tritanopia

30.6204, 35.8598, 50.1075

Trichromacy



Original Color

25.9182, 35.9506, 26.3420

Protanomaly

29.7323, 35.1427, 24.6182

Deuteranomaly

31.3626, 35.1294, 26.9575

Tritanomaly

28.6995, 35.9313, 40.0731

Monochromacy



Original Color

25.9182, 35.9506, 26.3420

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

27.6821, 32.3590, 30.7735

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9182, 35.9506, 26.3420 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(110, 176, 129)` looks like.

```
.text, #text, p{  
    color:rgb(110, 176, 129)  
}
```

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(110, 176, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 176, 129) }
```

Border

The CSS property to change the border of an element to XYZ 25.9182, 35.9506, 26.3420 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(110, 176, 129) }
```


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

```
.border{ border-color:rgb(110, 176, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 176, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 176, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 176, 129);  
box-shadow:4px 4px 4px 4px rgb(110, 176,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9182, 35.9506, 26.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 176, 129) }
```

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

```
.background{ background-color: rgb(110,  
176, 129) }
```

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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