

Converting Colors

XYZ(27.8674, 35.9525, 26.5992)

Have a look what the booklet for
XYZ(27.8674, 35.9525, 26.5992)
contains.

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Color

**XYZ(28.0261, 36.1660,
26.6227)**

Conversions

Conversions Part 1

Format	Color
Hex	81AD82
RGB	129, 173, 130
RGB Percent	51%, 68%, 51%
CMY	0.4941, 0.3216, 0.4902
CMYK	0.25, 0.00, 0.25, 0.32
HSL	121°, 21%, 59%
HSV	121°, 25%, 68%
XYZ	28.0261, 36.1660, 26.6227
YIQ	154.9420, -12.4210, -22.7010

Conversions

Conversions Part 2

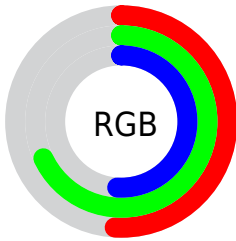
Format	Color
RYB	129, 172, 173
Decimal	8498562
CIELab	66.65, -23.44, 17.43
CIELCh	67, 29.211, 143.362
Yxy	36.1660, 0.3086, 0.3982
Android (android.graphics.Color)	4286688642 (0xFF81AD82)
YUV	154.9420, -12.2964, -22.7511
Hunter-Lab	60.1382, -22.0557, 15.8495

Details

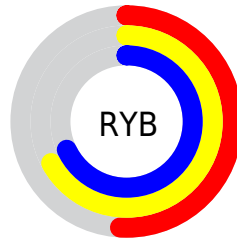
The XYZ color **28.0261, 36.1660, 26.6227** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **32.5315, 27.5641, 42.6371**, and the grayscale version is **31.1875, 32.8116, 35.7319**.

A 20% lighter version of the original color is **56.0950, 69.5248, 55.2629**, and **11.3063, 15.6318, 10.0108** is the 20% darker color. If you saturate the color by 10%, you get **24.5743, 34.5081, 21.0163**, and if you desaturate by 10%, it is **32.1113, 38.1309, 33.2337**.

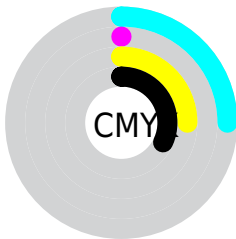
Distribution



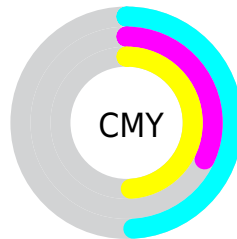
- Red (51%)
- Green (68%)
- Blue (51%)



- Red (51%)
- Yellow (67%)
- Blue (68%)



- Cyan (25%)
- Magenta (0%)
- Yellow (25%)
- Black (32%)





- Cyan (49%)
- Magenta (32%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.0261, 36.1660, 26.6227 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 28.0261, 36.1660, 26.6227 by changing the saturation by 10% instead.

 28.0261, 36.1660,
26.6227


 28.0261, 36.1660,
26.6227


284.6694,
329.6855, 299.5278


 18.4859, 24.5624,
17.0601


 55.9345, 69.2882,
55.2742

 11.4012, 15.7514,
10.1150


 75.0333, 91.5756,
75.2002

 6.4066, 9.3484,
5.3686


 98.0491, 118.1931,
99.4177

 3.1369, 4.9691,
2.4026

125.3472,
149.5251, 128.3454

 1.2266, 2.2291,
0.7879

157.2929,
185.9559, 162.4017

 0.1272, 0.7358,
0.0000

194.2516,

 0.0000, 0.0000,

227.8700, 202.0052

0.0000

236.5887,
275.6517, 247.5743

■ 28.0261, 36.1660,
26.6227

■ 28.0261, 36.1660,
26.6227

■ 24.5743, 34.5081,
21.0163

■ 32.1113, 38.1309,
33.2337

■ 21.7215, 33.1375,
16.3630

■ 36.8562, 40.4125,
40.8925

■ 19.4344, 32.0391,
12.6107

■ 42.2894, 43.0253,
49.6427

■ 17.6755, 31.1949,
9.7010

■ 48.4367, 45.9820,
59.5247

■ 16.4024, 30.5845,
7.5689

■ 55.3227, 49.2944,
70.5769

■ 15.5665, 30.1843,
6.1398

■ 62.9708, 52.9737,
82.8359

■ 15.1074, 29.9653,
5.3244

■ 71.4034, 57.0308,
96.3366

■ 14.9659, 29.8972,
5.0949

■ 74.2343, 58.3686,
101.9614

Harmonies

Analogous

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



31.1294, 36.1660, 21.0681



28.0261, 36.1660, 26.6227



26.6410, 36.1660, 36.6451

Triad

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



28.0261, 36.1660, 26.6227



33.4065, 36.1660, 68.6640



42.7364, 36.1660, 30.5350

Complementary

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



28.0261, 36.1660, 26.6227



32.5315, 27.5641, 42.6371

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.



43.4766, 36.1660, 42.2448



28.0261, 36.1660, 26.6227



37.8380, 36.1660, 66.0566

Square

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



28.0261, 36.1660, 26.6227



29.5715, 36.1660, 62.1829



41.6162, 36.1660, 55.6704



39.6718, 36.1660, 22.9674

Rectangle

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



28.0261, 36.1660, 26.6227



26.7865, 36.1660, 45.2447



41.6162, 36.1660, 55.6704



43.2755, 36.1660, 34.0429

Sweetspot

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



28.0271, 36.1675, 26.6235



63.5864, 71.2106, 69.3331



35.9795, 40.2749, 26.6467



13.5414, 15.3423, 14.6201



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.



28.0271, 36.1675, 26.6235



46.2856, 62.8934, 41.3386



29.6435, 36.8141, 35.1358



7.9116, 8.9422, 8.5595



10.9970, 21.9641, 3.7581



0.3083, 0.6120, 0.1169

Inverse Universe

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



32.5315, 27.5641, 42.6371



55.8534, 44.6173, 75.3516



30.6115, 26.7961, 32.5266



8.3291, 8.1449, 10.0438



17.9293, 8.6343, 28.3370



0.5012, 0.2412, 0.8010

Previews

White Background



This preview shows how the XYZ color 28.0261, 36.1660, 26.6227 looks on a white background.

Color Contrast Check

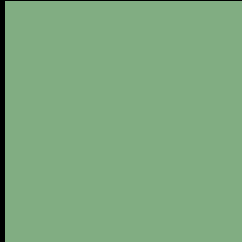
Large Text (above 18pt) WCAG AA × Fail

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 28.0261, 36.1660, 26.6227 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 28.0261, 36.1660, 26.6227

Background



This preview shows how black text looks on a background with the XYZ color 28.0261, 36.1660, 26.6227.



This preview shows how white text looks on a background with the XYZ color 28.0261, 36.1660,

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

28.0261, 36.1660, 26.6227

Protanopia

33.4598, 35.7411, 24.5372

Deuteranopia

36.5179, 35.7287, 27.5259



Tritanopia

32.3557, 35.9710, 48.4178

Trichromacy



Original Color

28.0261, 36.1660, 26.6227

Protanomaly

30.9962, 35.5105, 25.2992

Deuteranomaly

32.8799, 35.6411, 27.3368

Tritanomaly

30.7012, 36.1355, 39.5391

Monochromacy



Original Color

28.0261, 36.1660, 26.6227

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

29.9627, 34.0270, 32.1828

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0261, 36.1660, 26.6227 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(129, 173, 130)` looks like.

```
.text, #text, p{  
    color:rgb(129, 173, 130)  
}
```

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(129, 173, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 173, 130) }
```

Border

The CSS property to change the border of an element to XYZ 28.0261, 36.1660, 26.6227 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(129, 173, 130) }
```


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

```
.border{ border-color:rgb(129, 173, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 173, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 173, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 173, 130);  
box-shadow:4px 4px 4px 4px rgb(129, 173,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0261, 36.1660, 26.6227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 173, 130) }
```

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

```
.background{ background-color: rgb(129,  
173, 130) }
```

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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