

Converting Colors

XYZ(21.2711, 25.8562, 16.4189)

Have a look what the booklet for
XYZ(21.2711, 25.8562, 16.4189)
contains.

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Color

**XYZ(21.2813, 25.9527,
16.4581)**

Conversions

Conversions Part 1

Format	Color
Hex	7E9266
RGB	126, 146, 102
RGB Percent	49%, 57%, 40%
CMY	0.5059, 0.4274, 0.6000
CMYK	0.14, 0.00, 0.30, 0.43
HSL	87°, 18%, 49%
HSV	87°, 30%, 57%
XYZ	21.2813, 25.9527, 16.4581
YIQ	135.0040, 2.2040, -17.9240

Conversions

Conversions Part 2

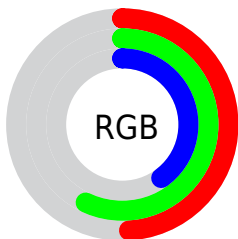
Format	Color
RYB	102, 146, 122
Decimal	8295014
CIELab	57.99, -15.32, 21.03
CIELCh	58, 26.021, 126.060
Yxy	25.9527, 0.3341, 0.4075
Android (android.graphics.Color)	4286485094 (0xFF7E9266)
YUV	135.0040, -16.2710, -7.8965
Hunter-Lab	50.9438, -14.5849, 16.5062

Details

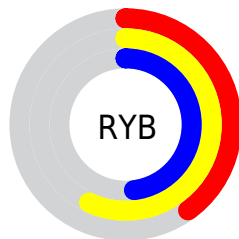
The XYZ color **21.2813, 25.9527, 16.4581** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.9669, 15.7164, 29.2822**, and the grayscale version is **23.0891, 24.2915, 26.4534**.

A 20% lighter version of the original color is **44.9945, 53.1922, 38.0326**, and **7.7623, 9.9968, 5.1349** is the 20% darker color. If you saturate the color by 10%, you get **19.6738, 25.2012, 12.9304**, and if you desaturate by 10%, it is **23.0827, 26.7910, 20.6617**.

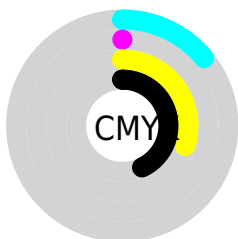
Distribution



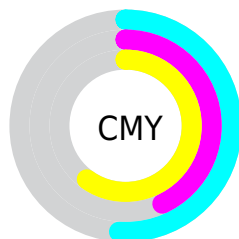
- Red (49%)
- Green (57%)
- Blue (40%)



- Red (40%)
- Yellow (57%)
- Blue (48%)



- Cyan (14%)
- Magenta (0%)
- Yellow (30%)
- Black (43%)



- Cyan (51%)
- Magenta (43%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.2813, 25.9527, 16.4581 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 21.2813, 25.9527, 16.4581 by changing the saturation by 10% instead.

■ 21.2813, 25.9527,
16.4581

■ 21.2813, 25.9527,
16.4581

251.4732,
282.5498, 243.9672

■ 13.4434, 16.7883,
9.6910

■ 45.0430, 53.1986,
38.1695

■ 7.8137, 10.0836,
5.0917

■ 61.6975, 72.0489,
53.9509

■ 4.0268, 5.4544,
2.2415

■ 82.0216, 94.8966,
73.5741

■ 1.7173, 2.5163,
0.6982

■ 106.3806,
122.1261, 97.4578

■ 0.4671, 0.8848,
0.0000

135.1399,
154.1217, 126.0204

■ 0.0000, 0.0000,
0.0000

168.6649,

191.2680, 159.6805

207.3209,
233.9492, 198.8566

■ 21.2813, 25.9527,
16.4581

■ 21.2813, 25.9527,
16.4581

■ 19.6738, 25.2012,
12.9304

■ 23.0827, 26.7910,
20.6617

■ 18.2502, 24.5298,
10.0416

■ 25.0833, 27.7157,
25.5723

■ 17.0026, 23.9360,
7.7537


■ 27.2908, 28.7310,
31.2209


■ 15.9215, 23.4158,
6.0242


■ 29.7119, 29.8396,
37.6364


■ 14.9965, 22.9650,
4.8047


■ 32.3528, 31.0442,
44.8461


 14.2154, 22.5785,
4.0387

 35.2195, 32.3473,
52.8757

 13.5565, 22.2483,
3.5798

 38.3178, 33.7513,
61.7502

 41.6532, 35.2586,
71.4931

 45.2311, 36.8714,
82.1272

Harmonies

Analogous

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



24.0353, 25.9527, 14.3153



21.2813, 25.9527, 16.4581



19.5504, 25.9527, 21.8064

Triad

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



21.2813, 25.9527, 16.4581



22.2976, 25.9527, 47.1908



31.1713, 25.9527, 26.4716

Complementary

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



21.2813, 25.9527, 16.4581



17.9669, 15.7164, 29.2822

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.



30.6071, 25.9527, 35.8711



21.2813, 25.9527, 16.4581



25.3102, 25.9527, 49.1758

Square

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



21.2813, 25.9527, 16.4581



20.1013, 25.9527, 39.7071



28.3946, 25.9527, 44.6676



29.8770, 25.9527, 19.2531

Rectangle

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



21.2813, 25.9527, 16.4581



19.1209, 25.9527, 27.0866



28.3946, 25.9527, 44.6676



31.1941, 25.9527, 29.4629

Sweetspot

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



21.2820, 25.9538, 16.4587



44.6036, 49.0552, 46.0051



21.1883, 20.9413, 15.4961



9.8137, 10.8627, 9.9611



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



21.2820, 25.9538, 16.4587



35.6348, 44.8917, 24.8015



18.4101, 24.4733, 16.3243



6.0137, 6.6149, 6.2003



11.9550, 19.5909, 3.1513



0.1803, 0.2573, 0.0402

Inverse Universe

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



17.9669, 15.7164, 29.2822



28.8455, 23.9212, 51.0705



21.4074, 17.4901, 29.4432



5.7349, 5.7543, 7.2782



6.5901, 2.8699, 24.1376



0.1139, 0.0523, 0.2970

Previews

White Background



This preview shows how the XYZ color 21.2813, 25.9527, 16.4581 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 21.2813, 25.9527, 16.4581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

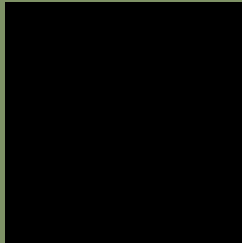
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.2813, 25.9527, 16.4581

Background



This preview shows how black text looks on a background with the XYZ color 21.2813, 25.9527, 16.4581.



This preview shows how white text looks on a background with the XYZ color 21.2813, 25.9527,

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

21.2813, 25.9527, 16.4581

Protanopia

24.0624, 25.8501, 15.5257

Deuteranopia

26.2472, 25.6875, 16.9394



Tritanopia

24.6369, 25.9771, 32.9937

Trichromacy



Original Color

21.2813, 25.9527, 16.4581

Protanomaly

22.9578, 25.9288, 15.8514

Deuteranomaly

24.1648, 25.6605, 16.7760

Tritanomaly

23.1126, 25.7853, 25.9492

Monochromacy



Original Color

21.2813, 25.9527, 16.4581

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.3235, 24.8008, 22.3494

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2813, 25.9527, 16.4581 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(126, 146, 102)` looks like.

```
.text, #text, p{  
    color:rgb(126, 146, 102)  
}
```

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(126, 146, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 146, 102) }
```

Border

The CSS property to change the border of an element to XYZ 21.2813, 25.9527, 16.4581 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(126, 146, 102) }
```


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

```
.border{ border-color:rgb(126, 146, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 146, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 146, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 146, 102);  
box-shadow:4px 4px 4px 4px rgb(126, 146,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2813, 25.9527, 16.4581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 146, 102) }
```

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

```
.background{ background-color: rgb(126,  
146, 102) }
```

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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