

Converting Colors

XYZ(21.2627, 29.7573, 27.0749)

Have a look what the booklet for
XYZ(21.2627, 29.7573, 27.0749)
contains.

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Color

**XYZ(21.2479, 29.6366,
27.1548)**

Conversions

Conversions Part 1

Format	Color
Hex	58A286
RGB	88, 162, 134
RGB Percent	35%, 64%, 53%
CMY	0.6549, 0.3647, 0.4745
CMYK	0.46, 0.00, 0.17, 0.36
HSL	157°, 30%, 49%
HSV	157°, 46%, 64%
XYZ	21.2479, 29.6366, 27.1548
YIQ	136.6820, -35.1160, -24.3960

Conversions

Conversions Part 2

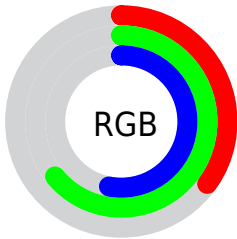
Format	Color
R_{YB}	88, 134, 162
Decimal	5808774
CIE _{Lab}	61.34, -29.90, 7.45
CIE _{LCh}	61, 30.818, 166.004
Yxy	29.6366, 0.2723, 0.3798
Android (android.graphics.Color)	4283998854 (0xFF58A286)
YUV	136.6820, -1.3222, -42.6941
Hunter-Lab	54.4395, -25.6001, 8.5334

Details

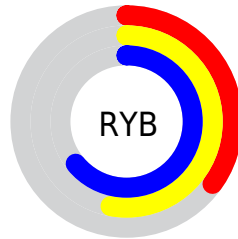
The XYZ color **21.2479, 29.6366, 27.1548** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.5434, 15.9225, 18.4620**, and the grayscale version is **23.6728, 24.9057, 27.1223**.

A 20% lighter version of the original color is **44.9378, 58.9643, 56.0265**, and **7.8034, 12.1153, 10.3147** is the 20% darker color. If you saturate the color by 10%, you get **19.4664, 28.7670, 24.9042**, and if you desaturate by 10%, it is **23.3966, 30.6942, 29.5532**.

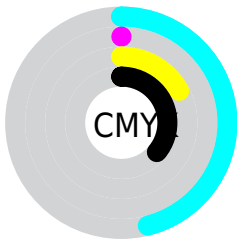
Distribution



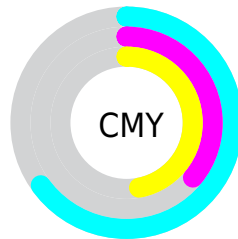
- Red (35%)
- Green (64%)
- Blue (53%)



- Red (35%)
- Yellow (53%)
- Blue (64%)



- Cyan (46%)
- Magenta (0%)
- Yellow (17%)
- Black (36%)



- Cyan (65%)
- Magenta (36%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.2479, 29.6366, 27.1548 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 21.2479, 29.6366, 27.1548 by changing the saturation by 10% instead.

■ 21.2479, 29.6366,
27.1548

■ 21.2479, 29.6366,
27.1548

251.2999,
300.2069, 302.1897

■ 13.4188, 19.5629,
17.4561

■ 44.9879, 59.0870,
56.1389

■ 7.7966, 12.0777,
10.3948

■ 61.6296, 79.2325,
76.2614

■ 4.0158, 6.7966,
5.5525

■ 81.9395, 103.5041,
100.6955

■ 1.7111, 3.3352,
2.5106

■ 106.2829,
132.2862, 129.8598

■ 0.4632, 1.3092,
0.8458

135.0254,
165.9631, 164.1728

■ 0.0000, 0.1483,
0.0000

168.5321,

■ 0.0000, 0.0000,

204.9192, 204.0531

0.0000

207.1685,
249.5390, 249.9192

■ 21.2479, 29.6366,
27.1548

■ 21.2479, 29.6366,
27.1548

■ 19.4664, 28.7670,
24.9042

■ 23.3966, 30.6942,
29.5532

■ 18.0264, 28.0698,
22.7963

■ 25.9312, 31.9471,
32.1006

■ 16.9026, 27.5329,
20.8281


■ 28.8720, 33.4064,
34.8006


■ 16.0651, 27.1408,
18.9960


■ 32.2372, 35.0815,
37.6561

■ 15.4743, 26.8732,
17.2959


■ 36.0437, 36.9811,
40.6698

 15.2552, 26.7755,
16.5996

 40.3076, 39.1133,
43.8445

 45.0441, 41.4861,
47.1827

 50.2678, 44.1069,
50.6869

 55.9925, 46.9827,
54.3598

Harmonies

Analogous

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



22.9140, 29.6366, 19.0894



21.2479, 29.6366, 27.1548



21.3067, 29.6366, 38.8393

Triad

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



21.2479, 29.6366, 27.1548



30.3780, 29.6366, 58.9080



33.9512, 29.6366, 18.7014

Complementary

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



21.2479, 29.6366, 27.1548



21.5434, 15.9225, 18.4620

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.



36.3654, 29.6366, 26.4853



21.2479, 29.6366, 27.1548



34.1709, 29.6366, 50.4389

Square

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



21.2479, 29.6366, 27.1548



26.3212, 29.6366, 59.2116



36.4495, 29.6366, 37.9886



30.1007, 29.6366, 15.0640

Rectangle

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



21.2479, 29.6366, 27.1548



22.3095, 29.6366, 47.2895



36.4495, 29.6366, 37.9886



34.9732, 29.6366, 20.8228

Sweetspot

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



21.2487, 29.6378, 27.1555



53.2285, 61.0502, 63.8906



21.9340, 30.2847, 13.9224



11.6881, 13.5790, 14.1151



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



21.2487, 29.6378, 27.1555



35.2315, 52.1704, 45.0646



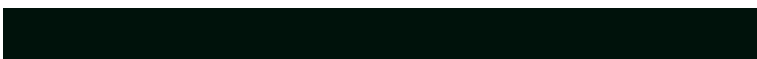
21.9984, 27.5872, 38.3493



7.1619, 7.9656, 8.4644



12.0394, 21.1021, 13.1898



0.2748, 0.4521, 0.3923

Inverse Universe

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



21.5434, 15.9225, 18.4620



35.8461, 24.0459, 27.2896



20.9035, 16.8685, 11.3871



7.1795, 7.1282, 7.9316



12.4284, 6.3274, 4.1807



0.2837, 0.1420, 0.2064

Previews

White Background



This preview shows how the XYZ color 21.2479, 29.6366, 27.1548 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 21.2479, 29.6366, 27.1548 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 21.2479, 29.6366, 27.1548

Background



This preview shows how black text looks on a background with the XYZ color 21.2479, 29.6366, 27.1548.



This preview shows how white text looks on a background with the XYZ color 21.2479, 29.6366,

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

21.2479, 29.6366, 27.1548

Protanopia

27.7172, 29.3424, 23.9415

Deuteranopia

29.7775, 29.1803, 28.1077



Tritanopia

24.2424, 29.5576, 42.4577

Trichromacy



Original Color

21.2479, 29.6366, 27.1548

Protanomaly

24.5508, 28.8667, 25.0468

Deuteranomaly

25.5793, 28.6194, 27.8428

Tritanomaly

23.1000, 29.6103, 36.3961

Monochromacy



Original Color

21.2479, 29.6366, 27.1548

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

22.3306, 26.2573, 27.1838

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2479, 29.6366, 27.1548 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(88, 162, 134)` looks like.

```
.text, #text, p{  
    color:rgb(88, 162, 134)  
}
```

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(88, 162, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 162, 134) }
```

Border

The CSS property to change the border of an element to XYZ 21.2479, 29.6366, 27.1548 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(88, 162, 134) }
```


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

```
.border{ border-color:rgb(88, 162, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 162, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 162, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 162, 134);  
box-shadow:4px 4px 4px 4px rgb(88, 162,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2479, 29.6366, 27.1548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 162, 134) }
```

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

```
.background{ background-color: rgb(88, 162,  
134) }
```

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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