

Converting Colors

XYZ(21.4116, 27.4939, 24.8450)

Have a look what the booklet for
XYZ(21.4116, 27.4939, 24.8450)
contains.

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Color

**XYZ(21.4171, 27.4932,
24.9468)**

Conversions

Conversions Part 1

Format	Color
Hex	6B9981
RGB	107, 153, 129
RGB Percent	42%, 60%, 51%
CMY	0.5804, 0.4000, 0.4941
CMYK	0.30, 0.00, 0.16, 0.40
HSL	149°, 18%, 51%
HSV	149°, 30%, 60%
XYZ	21.4171, 27.4932, 24.9468
YIQ	136.5100, -19.7120, -17.2160

Conversions

Conversions Part 2

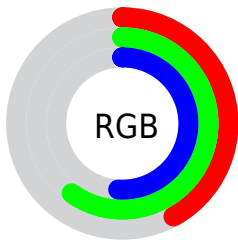
Format	Color
RYB	107, 138, 153
Decimal	7051649
CIELab	59.43, -20.86, 7.67
CIElCh	59, 22.226, 159.820
Yxy	27.4932, 0.2900, 0.3722
Android (android.graphics.Color)	4285241729 (0xFF6B9981)
YUV	136.5100, -3.7024, -25.8803
Hunter-Lab	52.4340, -18.8496, 8.4950

Details

The XYZ color **21.4171, 27.4932, 24.9468** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.4923, 18.9271, 23.9418**, and the grayscale version is **23.6125, 24.8422, 27.0532**.

A 20% lighter version of the original color is **45.4966, 55.9627, 52.6599**, and **7.9443, 10.9815, 9.2903** is the 20% darker color. If you saturate the color by 10%, you get **19.2279, 26.4243, 22.1820**, and if you desaturate by 10%, it is **23.9748, 28.7488, 27.9465**.

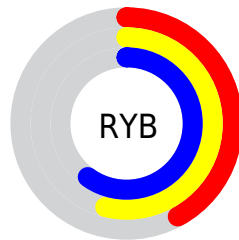
Distribution



Red (42%)

Green (60%)

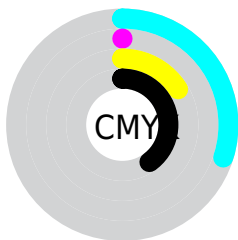
Blue (51%)



Red (42%)

Yellow (54%)

Blue (60%)

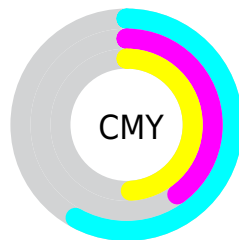


Cyan (30%)

Magenta (0%)

Yellow (16%)

Black (40%)



Cyan (58%)

Magenta (40%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4171, 27.4932, 24.9468 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 21.4171, 27.4932, 24.9468 by changing the saturation by 10% instead.

■ 21.4171, 27.4932,
24.9468

■ 21.4171, 27.4932,
24.9468

252.1769,
290.0372, 291.0121

■ 13.5434, 17.9440,
15.8188

■ 45.2667, 55.6743,
52.5340

■ 7.8834, 10.9098,
9.2430

■ 61.9734, 75.0749,
71.8302

■ 4.0716, 6.0062,
4.8011

■ 82.3551, 98.5282,
95.3528

■ 1.7427, 2.8488,
2.0743

■ 106.7773,
126.4184, 123.5205

■ 0.4828, 1.0533,
0.6004

135.6052,
159.1301, 156.7517

■ 0.0000, 0.0000,
0.0000

169.2041,

197.0475, 195.4650

207.9396,
240.5551, 240.0790

■ 21.4171, 27.4932,
24.9468

■ 21.4171, 27.4932,
24.9468

■ 19.2279, 26.4243,
22.1820

■ 23.9748, 28.7488,
27.9465

■ 17.3868, 25.5294,
19.6444

■ 26.9156, 30.1962,
31.1848

■ 15.8749, 24.7997,
17.3287

■ 30.2559, 31.8445,
34.6675

■ 14.6703, 24.2240,
15.2286

■ 34.0106, 33.7014,
38.4000

■ 13.7486, 23.7897,
13.3373

■ 38.1937, 35.7740,
42.3872

■ 13.0810, 23.4823,
11.6479

■ 42.8186, 38.0690,
46.6339

■ 12.6000, 23.2667,
10.1601

■ 47.8982, 40.5930,
51.1449

■ 53.4446, 43.3523,
55.9248

■ 59.4697, 46.3527,
60.9779

Harmonies

Analogous

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



22.8476, 27.4932, 19.6267



21.4171, 27.4932, 24.9468



21.1985, 27.4932, 32.6303

Triad

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



21.4171, 27.4932, 24.9468



27.0562, 27.4932, 47.7486



30.4675, 27.4932, 21.1431

Complementary

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



21.4171, 27.4932, 24.9468



22.4923, 18.9271, 23.9418

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.



31.7758, 27.4932, 27.3932



21.4171, 27.4932, 24.9468



29.7158, 27.4932, 43.3389

Square

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



21.4171, 27.4932, 24.9468



24.3260, 27.4932, 46.7761



31.4914, 27.4932, 35.5483



28.0241, 27.4932, 17.7166

Rectangle

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



21.4171, 27.4932, 24.9468



21.7522, 27.4932, 38.2349



31.4914, 27.4932, 35.5483



31.0623, 27.4932, 22.9333

Sweetspot

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



21.4179, 27.4943, 24.9474



48.7025, 54.3230, 56.3819



23.4889, 28.7132, 18.2146



10.5864, 11.9124, 12.2705



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



21.4179, 27.4943, 24.9474



35.6777, 47.9279, 41.3389



23.0795, 28.1590, 33.6973



6.2490, 6.9723, 7.2347



10.4300, 19.2354, 8.4848



0.1742, 0.2949, 0.2228

Inverse Universe

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



22.4923, 18.9271, 23.9418



37.9146, 30.0879, 39.2427



21.1306, 18.3825, 16.7716



6.3366, 6.2738, 7.1528



12.0659, 6.0806, 6.8719



0.1988, 0.0983, 0.1995

Previews

White Background



This preview shows how the XYZ color 21.4171, 27.4932, 24.9468 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 21.4171, 27.4932, 24.9468 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 21.4171, 27.4932, 24.9468

Background



This preview shows how black text looks on a background with the XYZ color 21.4171, 27.4932, 24.9468.



This preview shows how white text looks on a background with the XYZ color 21.4171, 27.4932,

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

21.4171, 27.4932, 24.9468

Protanopia

25.8258, 27.2601, 22.6394

Deuteranopia

27.7505, 27.3165, 25.6398



Tritanopia

23.9027, 27.5437, 37.3144

Trichromacy



Original Color

21.4171, 27.4932, 24.9468

Protanomaly

23.8121, 27.1068, 23.3791

Deuteranomaly

24.9037, 26.9463, 25.3613

Tritanomaly

22.8867, 27.3621, 32.5089

Monochromacy



Original Color

21.4171, 27.4932, 24.9468

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

22.7297, 25.8018, 26.3365

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4171, 27.4932, 24.9468 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(107, 153, 129)` looks like.

```
.text, #text, p{  
    color:rgb(107, 153, 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(107, 153, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 153, 129) }
```

Border

The CSS property to change the border of an element to XYZ 21.4171, 27.4932, 24.9468 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(107, 153, 129) }
```


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

```
.border{ border-color:rgb(107, 153, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 153, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 153, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 153, 129);  
box-shadow:4px 4px 4px 4px rgb(107, 153,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4171, 27.4932, 24.9468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 153, 129) }
```

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

```
.background{ background-color: rgb(107,  
153, 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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