

Converting Colors

XYZ(27.9091, 35.4245, 31.7522)

Have a look what the booklet for
XYZ(27.9091, 35.4245, 31.7522)
contains.

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Color

**XYZ(27.9091, 35.4245,
31.7522)**

Conversions

Conversions Part 1

Format	Color
Hex	7CAB90
RGB	124, 171, 144
RGB Percent	49%, 67%, 56%
CMY	0.5137, 0.3294, 0.4353
CMYK	0.27, 0.00, 0.16, 0.33
HSL	146°, 22%, 58%
HSV	146°, 27%, 67%
XYZ	27.9091, 35.4245, 31.7522
YIQ	153.8690, -19.3450, -18.3610

Conversions

Conversions Part 2

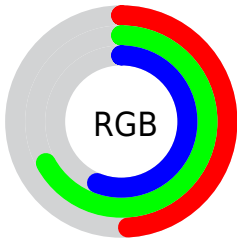
Format	Color
RYB	124, 157, 171
Decimal	8170384
CIELab	66.08, -21.45, 8.89
CIELCh	66, 23.219, 157.500
Yxy	35.4245, 0.2935, 0.3726
Android (android.graphics.Color)	4286360464 (0xFF7CAB90)
YUV	153.8690, -4.8654, -26.1951
Hunter-Lab	59.5185, -20.4561, 10.0326

Details

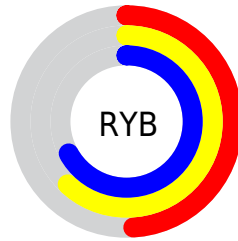
The XYZ color **27.9091, 35.4245, 31.7522** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **29.5893, 25.3084, 32.6050**, and the grayscale version is **30.6852, 32.2832, 35.1564**.

A 20% lighter version of the original color is **55.7936, 68.3625, 63.6807**, and **11.4412, 15.4576, 12.9703** is the 20% darker color. If you saturate the color by 10%, you get **24.9305, 33.9730, 27.8627**, and if you desaturate by 10%, it is **31.3835, 37.1260, 36.0076**.

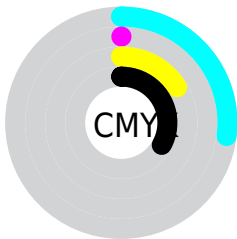
Distribution



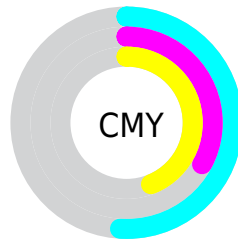
- Red (49%)
- Green (67%)
- Blue (56%)



- Red (49%)
- Yellow (62%)
- Blue (67%)



- Cyan (27%)
- Magenta (0%)
- Yellow (16%)
- Black (33%)



- Cyan (51%)
- Magenta (33%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9091, 35.4245, 31.7522 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 27.9091, 35.4245, 31.7522 by changing the saturation by 10% instead.

■ 27.9091, 35.4245,
31.7522

■ 27.9091, 35.4245,
31.7522

284.1203,
326.4381, 324.4468

■ 18.3973, 23.9901,
20.9090

■ 55.7489, 68.1429,
63.5158

■ 11.3370, 15.3262,
12.8669

■ 74.8076, 90.1956,
85.2733

■ 6.3629, 9.0487,
7.2073

■ 97.7794, 116.5565,
111.5061

■ 3.1097, 4.7729,
3.5117

125.0294,
147.6100, 142.6326

■ 1.2121, 2.1147,
1.3615

156.9232,
183.7406, 179.0713

■ 0.1159, 0.6729,
0.1114

193.8260,

■ 0.0000, 0.0000,

225.3325, 221.2409

0.0000

236.1032,
272.7702, 269.5599

■ 27.9091, 35.4245,
31.7522

■ 27.9091, 35.4245,
31.7522

■ 24.9305, 33.9730,
27.8627

■ 31.3835, 37.1260,
36.0076

■ 22.4211, 32.7550,
24.3269

■ 35.3731, 39.0844,
40.6358

■ 20.3561, 31.7589,
21.1353

■ 39.8994, 41.3116,
45.6466

■ 18.7069, 30.9703,
18.2774

■ 44.9821, 43.8175,
51.0488

■ 17.4416, 30.3728,
15.7416

■ 50.6397, 46.6116,
56.8507

■ 16.5234, 29.9478,
13.5161

■ 56.8900, 49.7028,
63.0605

■ 15.8954, 29.6661,
11.5871

■ 63.7499, 53.0996,
69.6862

■ 15.7584, 29.6051,
11.1463

■ 69.0680, 55.6929,
76.6339

■ 70.4283, 56.2370,
83.7973

Harmonies

Analogous

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



29.7934, 35.4245, 25.3843



27.9091, 35.4245, 31.7522



27.5157, 35.4245, 41.1027

Triad

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



27.9091, 35.4245, 31.7522



34.5426, 35.4245, 60.6229



39.2080, 35.4245, 28.1295

Complementary

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



27.9091, 35.4245, 31.7522



29.5893, 25.3084, 32.6050

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.



40.6795, 35.4245, 36.1459



27.9091, 35.4245, 31.7522



37.8690, 35.4245, 55.6797

Square

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



27.9091, 35.4245, 31.7522



31.1961, 35.4245, 58.9052



40.1735, 35.4245, 46.3028



36.2712, 35.4245, 23.5552

Rectangle

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



27.9091, 35.4245, 31.7522



28.1253, 35.4245, 48.0188



40.1735, 35.4245, 46.3028



39.8992, 35.4245, 30.4521

Sweetspot

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



27.9101, 35.4260, 31.7530



62.8513, 69.7507, 72.2094



31.0422, 37.2019, 24.6138



13.7696, 15.4336, 15.8220



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.



27.9101, 35.4260, 31.7530



46.6272, 61.8054, 52.5410



29.8590, 36.2055, 42.0159



8.0406, 8.9938, 9.2389



11.9042, 22.3270, 8.5354



0.3589, 0.6322, 0.3835

Inverse Universe

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



29.5893, 25.3084, 32.6050



50.1395, 40.6352, 54.3168



27.8940, 24.6303, 23.6777



8.1908, 8.0896, 9.3155



14.3578, 7.2057, 9.5296



0.4260, 0.2111, 0.4053

Previews

White Background



This preview shows how the XYZ color 27.9091, 35.4245, 31.7522 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 27.9091, 35.4245, 31.7522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

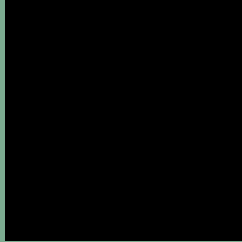
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.9091, 35.4245, 31.7522

Background



This preview shows how black text looks on a background with the XYZ color 27.9091, 35.4245, 31.7522.



This preview shows how white text looks on a background with the XYZ color 27.9091, 35.4245,

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

27.9091, 35.4245, 31.7522

Protanopia

33.3067, 35.3014, 29.1032

Deuteranopia

35.6445, 34.9211, 32.4655



Tritanopia

31.1330, 35.3524, 47.8306

Trichromacy



Original Color

27.9091, 35.4245, 31.7522

Protanomaly

30.9580, 35.1198, 29.9581

Deuteranomaly

32.2563, 34.6905, 32.1900

Tritanomaly

29.7877, 35.3476, 41.3292

Monochromacy



Original Color

27.9091, 35.4245, 31.7522

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

29.4035, 33.1833, 33.7094

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9091, 35.4245, 31.7522 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(124, 171, 144)` looks like.

```
.text, #text, p{  
    color:rgb(124, 171, 144)  
}
```

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(124, 171, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 171, 144) }
```

Border

The CSS property to change the border of an element to XYZ 27.9091, 35.4245, 31.7522 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(124, 171, 144) }
```


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

```
.border{ border-color:rgb(124, 171, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 171, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 171, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 171, 144);  
box-shadow:4px 4px 4px 4px rgb(124, 171,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9091, 35.4245, 31.7522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 171, 144) }
```

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

```
.background{ background-color: rgb(124,  
171, 144) }
```

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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