

Converting Colors

XYZ(27.4775, 36.1689, 26.6522)

Have a look what the booklet for
XYZ(27.4775, 36.1689, 26.6522)
contains.

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Color

**XYZ(27.4775, 36.1689,
26.6522)**

Conversions

Conversions Part 1

Format	Color
Hex	7CAE82
RGB	124, 174, 130
RGB Percent	49%, 68%, 51%
CMY	0.5137, 0.3176, 0.4902
CMYK	0.29, 0.00, 0.25, 0.32
HSL	127°, 24%, 58%
HSV	127°, 29%, 68%
XYZ	27.4775, 36.1689, 26.6522
YIQ	154.0340, -15.6760, -24.2840

Conversions

Conversions Part 2

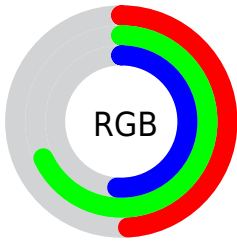
Format	Color
RYB	124, 169, 174
Decimal	8171138
CIELab	66.65, -25.63, 17.39
CIElCh	67, 30.976, 145.849
Yxy	36.1689, 0.3043, 0.4005
Android (android.graphics.Color)	4286361218 (0xFF7CAE82)
YUV	154.0340, -11.8488, -26.3398
Hunter-Lab	60.1406, -23.6916, 15.8232

Details

The XYZ color **27.4775, 36.1689, 26.6522** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **31.7323, 26.2419, 40.4399**, and the grayscale version is **30.7862, 32.3894, 35.2721**.

A 20% lighter version of the original color is **55.2042, 69.4775, 55.3007**, and **11.0330, 15.6704, 10.0326** is the 20% darker color. If you saturate the color by 10%, you get **24.2289, 34.6053, 21.5286**, and if you desaturate by 10%, it is **31.3247, 38.0255, 32.6038**.

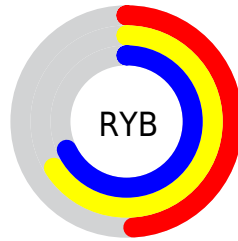
Distribution



Red (49%)

Green (68%)

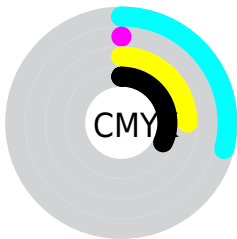
Blue (51%)



Red (49%)

Yellow (66%)

Blue (68%)

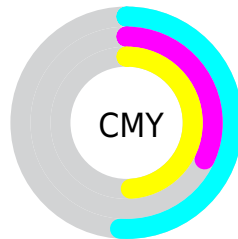


Cyan (29%)

Magenta (0%)

Yellow (25%)

Black (32%)



Cyan (51%)

Magenta (32%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4775, 36.1689, 26.6522 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 27.4775, 36.1689, 26.6522 by changing the saturation by 10% instead.

■ 27.4775, 36.1689,
26.6522

■ 27.4775, 36.1689,
26.6522

282.0873,
329.6982, 299.6759

■ 18.0706, 24.5647,
17.0821

■ 55.0637, 69.2927,
55.3222

■ 11.1007, 15.7530,
10.1304

■ 73.9736, 91.5810,
75.2591

■ 6.2024, 9.3496,
5.3788

■ 96.7820, 118.1995,
99.4887

■ 3.0104, 4.9699,
2.4086

123.8541,
149.5326, 128.4296

■ 1.1592, 2.2296,
0.7911

155.5554,
185.9646, 162.5002

■ 0.0738, 0.7361,
0.0000

192.2511,

■ 0.0000, 0.0000,

227.8799, 202.1190

0.0000

234.3066,
275.6630, 247.7048

■ 27.4775, 36.1689,
26.6522

■ 27.4775, 36.1689,
26.6522

■ 24.2289, 34.6053,
21.5286

■ 31.3247, 38.0255,
32.6038

■ 21.5460, 33.3154,
17.1941

■ 35.7956, 40.1842,
39.4153

■ 19.3971, 32.2847,
13.6101

■ 40.9173, 42.6593,
47.1198

■ 17.7461, 31.4955,
10.7340

■ 46.7145, 45.4629,
55.7479

■ 16.5525, 30.9279,
8.5188

■ 53.2106, 48.6064,
65.3290

■ 15.7691, 30.5588,
6.9119

■ 60.4278, 52.1007,
75.8909

■ 15.3171, 30.3488,
5.8516

■ 68.3873, 55.9562,
87.4603

■ 15.2710, 30.3272,
5.7526

■ 74.0267, 58.5935,
99.9188

■ 74.4268, 58.7535,
102.0256

Harmonies

Analogous

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



30.6140, 36.1689, 20.4958



27.4775, 36.1689, 26.6522



26.1867, 36.1689, 37.5519

Triad

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



27.4775, 36.1689, 26.6522



33.7324, 36.1689, 70.9515



43.0957, 36.1689, 29.2120

Complementary

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



27.4775, 36.1689, 26.6522



31.7323, 26.2419, 40.4399

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.



44.1195, 36.1689, 41.2702



27.4775, 36.1689, 26.6522



38.4374, 36.1689, 67.3108

Square

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



27.4775, 36.1689, 26.6522



29.5850, 36.1689, 64.6881



42.3454, 36.1689, 55.6301



39.6613, 36.1689, 21.7223

Rectangle

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



27.4775, 36.1689, 26.6522



26.4523, 36.1689, 46.8203



42.3454, 36.1689, 55.6301



43.7457, 36.1689, 32.7760

Sweetspot

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



27.4785, 36.1704, 26.6530



64.5605, 72.7101, 70.9376



34.9596, 40.0723, 24.9613



14.0768, 16.0290, 15.3536



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



27.4785, 36.1704, 26.6530



46.2560, 63.8795, 42.7144



29.3517, 36.9197, 36.5174



7.9421, 8.9544, 8.7204



11.0879, 22.0004, 4.2368



0.3205, 0.6168, 0.1813

Inverse Universe

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



31.7323, 26.2419, 40.4399



55.1495, 43.1133, 71.5321



29.6349, 25.4029, 29.3950



8.2951, 8.1313, 9.8646



16.8526, 8.2036, 22.6670



0.4802, 0.2328, 0.6906

Previews

White Background



This preview shows how the XYZ color 27.4775, 36.1689, 26.6522 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 27.4775, 36.1689, 26.6522 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 27.4775, 36.1689, 26.6522

Background



This preview shows how black text looks on a background with the XYZ color 27.4775, 36.1689, 26.6522.



This preview shows how white text looks on a background with the XYZ color 27.4775, 36.1689,

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

27.4775, 36.1689, 26.6522

Protanopia

33.3962, 35.7156, 24.2024

Deuteranopia

36.5179, 35.7287, 27.5259



Tritanopia

31.8321, 35.9602, 48.9793

Trichromacy



Original Color

27.4775, 36.1689, 26.6522

Protanomaly

30.9197, 35.7474, 25.0090

Deuteranomaly

32.4638, 35.4266, 27.3173

Tritanomaly

30.1022, 36.1039, 39.5646

Monochromacy



Original Color

27.4775, 36.1689, 26.6522

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

29.1834, 33.3737, 31.6917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4775, 36.1689, 26.6522 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, 174, 130)` looks like.

```
.text, #text, p{  
    color:rgb(124, 174, 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(124, 174, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 174, 130) }
```

Border

The CSS property to change the border of an element to XYZ 27.4775, 36.1689, 26.6522 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, 174, 130) }
```


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

```
.border{ border-color:rgb(124, 174, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 174, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 174, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 174, 130);  
box-shadow:4px 4px 4px 4px rgb(124, 174,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4775, 36.1689, 26.6522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 174, 130) }
```

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

```
.background{ background-color: rgb(124,  
174, 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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