

Converting Colors

XYZ(26.4788, 30.1643, 30.4572)

Have a look what the booklet for
XYZ(26.4788, 30.1643, 30.4572)
contains.

XYZ(26.5052, 30.2453, 30.4275)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.5052, 30.2453,
30.4275)**

Conversions

Conversions Part 1

Format	Color
Hex	879A8F
RGB	135, 154, 143
RGB Percent	53%, 60%, 56%
CMY	0.4706, 0.3961, 0.4392
CMYK	0.12, 0.00, 0.07, 0.40
HSL	145°, 9%, 57%
HSV	145°, 12%, 60%
XYZ	26.5052, 30.2453, 30.4275
YIQ	147.0650, -7.7930, -7.4490

Conversions

Conversions Part 2

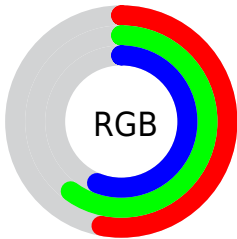
Format	Color
RYB	135, 148, 154
Decimal	8886927
CIELab	61.87, -8.96, 3.49
CIElCh	62, 9.619, 158.705
Yxy	30.2453, 0.3040, 0.3469
Android (android.graphics.Color)	4287077007 (0xFF879A8F)
YUV	147.0650, -2.0040, -10.5810
Hunter-Lab	54.9957, -10.2144, 5.6936

Details

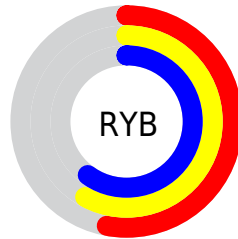
The XYZ color **26.5052, 30.2453, 30.4275** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.1798, 26.2741, 30.8345**, and the grayscale version is **27.7711, 29.2173, 31.8177**.

A 20% lighter version of the original color is **53.3730, 59.8343, 61.5594**, and **10.5723, 12.4221, 12.1964** is the 20% darker color. If you saturate the color by 10%, you get **23.5556, 28.8006, 26.9026**, and if you desaturate by 10%, it is **29.8686, 31.8989, 34.2534**.

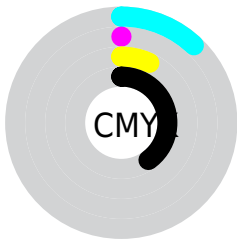
Distribution



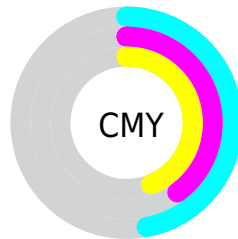
- Red (53%)
- Green (60%)
- Blue (56%)



- Red (53%)
- Yellow (58%)
- Blue (60%)



- Cyan (12%)
- Magenta (0%)
- Yellow (7%)
- Black (40%)



- Cyan (47%)
- Magenta (40%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5052, 30.2453, 30.4275 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 26.5052, 30.2453, 30.4275 by changing the saturation by 10% instead.

■ 26.5052, 30.2453,
30.4275

■ 26.5052, 30.2453,
30.4275

277.4648,
303.0462, 318.1612

■ 17.3366, 20.0249,
19.9085

■ 53.5144, 60.0499,
61.4066

■ 10.5716, 12.4131,
12.1451

■ 72.0856, 80.4028,
82.7037

■ 5.8447, 7.0257,
6.7189

■ 94.5219, 104.9020,
108.4306

■ 2.7906, 3.4782,
3.2111

121.1884,
133.9319, 139.0059

■ 1.0440, 1.3862,
1.2034

152.4506,
167.8769, 174.8481

■ 0.0000, 0.2065,
0.0000

188.6739,

■ 0.0000, 0.0000,

207.1213, 216.3756

0.0000

230.2235,
252.0496, 264.0072

■ 26.5052, 30.2453,
30.4275

■ 26.5052, 30.2453,
30.4275

■ 23.5556, 28.8006,
26.9026

■ 29.8686, 31.8989,
34.2534

■ 21.0008, 27.5524,
23.6694

■ 33.6590, 33.7654,
38.3852

■ 18.8238, 26.4931,
20.7210

■ 37.8919, 35.8535,
42.8305

■ 17.0057, 25.6131,
18.0496

■ 42.5814, 38.1704,
47.5956

■ 15.5254, 24.9016,
15.6469

■ 47.7409, 40.7229,
52.6871

■ 14.3600, 24.3471,
13.5042

■ 53.3832, 43.5174,
58.1109

■ 13.4831, 23.9360,
11.6123

■ 59.5207, 46.5602,
63.8732

■ 12.8638, 23.6526,
9.9613

■ 64.9768, 49.2446,
69.9241

■ 12.5055, 23.4921,
8.8513

■ 66.1496, 49.7138,
76.1003

Harmonies

Analogous

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



27.2292, 30.2453, 27.7109



26.5052, 30.2453, 30.4275



26.3725, 30.2453, 34.0151

Triad

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



26.5052, 30.2453, 30.4275



29.1230, 30.2453, 40.4367



30.7196, 30.2453, 28.7008

Complementary

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



26.5052, 30.2453, 30.4275



27.1798, 26.2741, 30.8345

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.



31.2604, 30.2453, 31.8721



26.5052, 30.2453, 30.4275



30.3207, 30.2453, 38.7708

Square

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



26.5052, 30.2453, 30.4275



27.8589, 30.2453, 39.9777



31.1123, 30.2453, 35.5703



29.6543, 30.2453, 26.7669

Rectangle

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



26.5052, 30.2453, 30.4275



26.6333, 30.2453, 36.4504



31.1123, 30.2453, 35.5703



30.9702, 30.2453, 29.6476

Sweetspot

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



26.5060, 30.2466, 30.4282



53.1374, 57.3938, 60.9713



27.7988, 30.9806, 27.4368



11.9249, 12.9404, 13.6854



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



26.5060, 30.2466, 30.4282



46.4839, 54.1262, 53.3195



27.2500, 30.5442, 34.3458



6.2346, 6.9666, 7.1591



10.2052, 19.1455, 7.3013



0.1702, 0.2933, 0.2018

Inverse Universe

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



27.1798, 26.2741, 30.8345



47.9713, 45.3560, 54.2160



26.4768, 25.9929, 27.1326



6.3512, 6.2796, 7.2294



12.3503, 6.1944, 8.3697



0.2028, 0.0999, 0.2206

Previews

White Background



This preview shows how the XYZ color 26.5052, 30.2453, 30.4275 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 26.5052, 30.2453, 30.4275 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

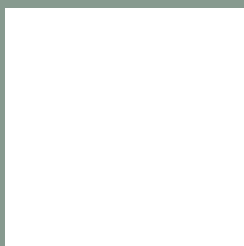
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.5052, 30.2453, 30.4275

Background



This preview shows how black text looks on a background with the XYZ color 26.5052, 30.2453, 30.4275.



This preview shows how white text looks on a background with the XYZ color 26.5052, 30.2453,

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

26.5052, 30.2453, 30.4275

Protanopia

28.8075, 30.2584, 29.1331

Deuteranopia

30.6011, 29.9902, 30.9639



Tritanopia

28.1587, 30.1808, 38.9917

Trichromacy



Original Color

26.5052, 30.2453, 30.4275

Protanomaly

27.9069, 30.2593, 29.5691

Deuteranomaly

28.9504, 30.0635, 30.6625

Tritanomaly

27.5455, 30.1751, 35.8251

Monochromacy



Original Color

26.5052, 30.2453, 30.4275

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.4223, 29.7277, 31.4868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5052, 30.2453, 30.4275 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(135, 154, 143)` looks like.

```
.text, #text, p{  
    color:rgb(135, 154, 143)  
}
```

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(135, 154, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 154, 143) }
```

Border

The CSS property to change the border of an element to XYZ 26.5052, 30.2453, 30.4275 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(135, 154, 143) }
```


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

```
.border{ border-color:rgb(135, 154, 143) }
```

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

Here you see how a box with a 4 pixel rgb(135, 154, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 154, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 154, 143);  
box-shadow:4px 4px 4px 4px rgb(135, 154,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5052, 30.2453, 30.4275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 154, 143) }
```

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

```
.background{ background-color: rgb(135,  
154, 143) }
```

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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