

Converting Colors

XYZ(26.3711, 30.2828, 27.6611)

Have a look what the booklet for
XYZ(26.3711, 30.2828, 27.6611)
contains.

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Color

**XYZ(26.3161, 30.2071,
27.7361)**

Conversions

Conversions Part 1

Format	Color
Hex	899A88
RGB	137, 154, 136
RGB Percent	54%, 60%, 53%
CMY	0.4627, 0.3961, 0.4667
CMYK	0.11, 0.00, 0.12, 0.40
HSL	117°, 8%, 57%
HSV	117°, 12%, 60%
XYZ	26.3161, 30.2071, 27.7361
YIQ	146.8650, -4.3540, -9.2020

Conversions

Conversions Part 2

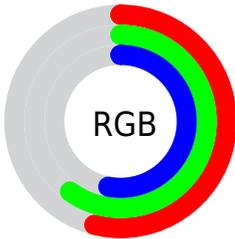
Format	Color
RYB	136, 154, 153
Decimal	9017992
CIELab	61.83, -9.60, 7.41
CIELCh	62, 12.128, 142.330
Yxy	30.2071, 0.3123, 0.3585
Android (android.graphics.Color)	4287208072 (0xFF899A88)
YUV	146.8650, -5.3564, -8.6516
Hunter-Lab	54.9610, -10.7134, 8.5520

Details

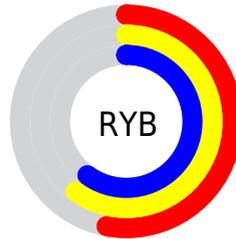
The XYZ color **26.3161, 30.2071, 27.7361** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.7748, 26.7145, 34.2658**, and the grayscale version is **27.7008, 29.1434, 31.7371**.

A 20% lighter version of the original color is **52.9764, 59.7330, 56.8816**, and **10.4604, 12.3986, 10.6459** is the 20% darker color. If you saturate the color by 10%, you get **23.0738, 28.6540, 22.2758**, and if you desaturate by 10%, it is **30.0388, 31.9914, 34.0412**.

Distribution



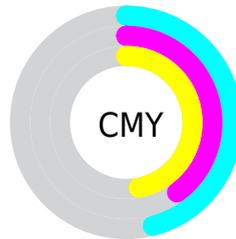
- Red (54%)
- Green (60%)
- Blue (53%)



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



- Cyan (11%)
- Magenta (0%)
- Yellow (12%)
- Black (40%)



- Cyan (46%)
- Magenta (40%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3161, 30.2071, 27.7361 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 26.3161, 30.2071, 27.7361 by changing the saturation by 10% instead.

■ 26.3161, 30.2071,
27.7361

■ 26.3161, 30.2071,
27.7361

276.5587,
302.8686, 305.0759

■ 17.1942, 19.9958,
17.8895

■ 53.2121, 59.9895,
57.0809

■ 10.4692, 12.3920,
10.7021

■ 71.7170, 80.3295,
77.4161

■ 5.7758, 7.0112,
5.7552

■ 94.0801, 104.8145,
102.0847

■ 2.7486, 3.4691,
2.6305

120.6670,
133.8289, 131.5051

■ 1.0222, 1.3813,
0.9081

151.8430,
167.7571, 166.0958

■ 0.0000, 0.2029,
0.0000

187.9733,

■ 0.0000, 0.0000,

206.9835, 206.2756

0.0000

229.4234,
251.8926, 252.4627

■ 26.3161, 30.2071,
27.7361

■ 26.3161, 30.2071,
27.7361

■ 23.0738, 28.6540,
22.2758

■ 30.0388, 31.9914,
34.0412

■ 20.2899, 27.3190,
17.6224

■ 34.2578, 34.0118,
41.2226

■ 17.9446, 26.1935,
13.7384

■ 38.9913, 36.2778,
49.3129

■ 16.0154, 25.2668,
10.5823

■ 44.2557, 38.7973,
58.3421

■ 14.4780, 24.5274,
8.1088

■ 50.0669, 41.5778,
68.3392

■ 13.3055, 23.9625,
6.2675

■ 56.4399, 44.6266,
79.3317

■ 12.4677, 23.5577,
5.0011

■ 63.3894, 47.9505,
91.3460

■ 11.9293, 23.2964,
4.2419

■ 70.2451, 51.2824,
100.8039

■ 11.6633, 23.1675,
3.8571

■ 70.8462, 51.5923,
100.8321

Harmonies

Analogous

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



27.5441, 30.2071, 25.3118



26.3161, 30.2071, 27.7361



25.7342, 30.2071, 31.7144

Triad

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



26.3161, 30.2071, 27.7361



28.2973, 30.2071, 42.5435



31.6886, 30.2071, 29.6173

Complementary

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



26.3161, 30.2071, 27.7361



27.7748, 26.7145, 34.2658

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.



31.9088, 30.2071, 34.0951



26.3161, 30.2071, 27.7361



29.9103, 30.2071, 41.8482

Square

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



26.3161, 30.2071, 27.7361



26.8498, 30.2071, 40.4661



31.2468, 30.2071, 38.6467



30.6562, 30.2071, 26.3246

Rectangle

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



26.3161, 30.2071, 27.7361



25.7751, 30.2071, 34.8316



31.2468, 30.2071, 38.6467



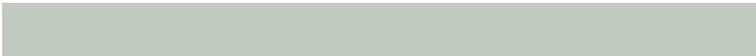
31.8616, 30.2071, 31.0227

Sweetspot

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



26.3169, 30.2084, 27.7368



52.8682, 57.2993, 58.9551



29.1301, 31.3660, 27.8119



11.8537, 12.9154, 13.1530



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.



26.3169, 30.2084, 27.7368



46.1959, 54.1026, 47.6686



26.7286, 30.3542, 30.7565



6.1624, 6.9412, 6.6208



9.5122, 18.8796, 3.1428



0.1496, 0.2861, 0.0473

Inverse Universe

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



27.7748, 26.7145, 34.2658



49.3748, 46.4835, 61.9062



27.3355, 26.5606, 30.9627



6.4273, 6.3062, 7.8074



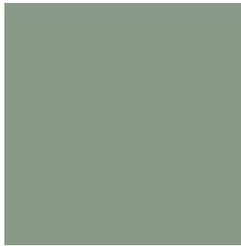
14.3396, 6.8434, 25.4728



0.2232, 0.1069, 0.3812

Previews

White Background



This preview shows how the XYZ color 26.3161, 30.2071, 27.7361 looks on a white background.

Color Contrast Check

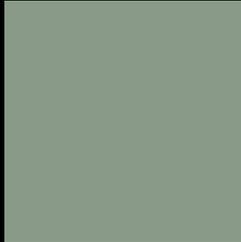
Large Text (above 18pt) WCAG AA × Fail

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 26.3161, 30.2071, 27.7361 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 26.3161, 30.2071, 27.7361

Background



This preview shows how black text looks on a background with the XYZ color 26.3161, 30.2071, 27.7361.



This preview shows how white text looks on a background with the XYZ color 26.3161, 30.2071, 27.7361.

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

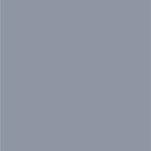
26.3161, 30.2071, 27.7361

Protanopia

28.6914, 30.2563, 26.5181

Deuteranopia

30.7092, 30.1063, 28.2373



Tritanopia

28.4124, 30.0840, 38.4917

Trichromacy



Original Color

26.3161, 30.2071, 27.7361

Protanomaly

27.7641, 30.2440, 26.9286

Deuteranomaly

29.0099, 30.1541, 27.9582

Tritanomaly

27.6316, 30.0086, 34.4729

Monochromacy



Original Color

26.3161, 30.2071, 27.7361

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.1920, 29.6355, 30.2737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3161, 30.2071, 27.7361 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(137, 154, 136)` looks like.

```
.text, #text, p{  
    color:rgb(137, 154, 136)  
}
```

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(137, 154, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 154, 136) }
```

Border

The CSS property to change the border of an element to XYZ 26.3161, 30.2071, 27.7361 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(137, 154, 136) }
```

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

```
.border{ border-color:rgb(137, 154, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 154, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 154, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 154, 136);  
box-shadow:4px 4px 4px 4px rgb(137, 154,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3161, 30.2071, 27.7361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 154, 136) }
```

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

```
.background{ background-color: rgb(137,  
154, 136) }
```

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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