

Converting Colors

XYZ(28.9254, 31.0835, 32.2448)

Have a look what the booklet for
XYZ(28.9254, 31.0835, 32.2448)
contains.

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Color

**XYZ(28.8891, 30.9526,
32.0556)**

Conversions

Conversions Part 1

Format	Color
Hex	959893
RGB	149, 152, 147
RGB Percent	58%, 60%, 58%
CMY	0.4157, 0.4039, 0.4235
CMYK	0.02, 0.00, 0.03, 0.40
HSL	96°, 2%, 59%
HSV	96°, 3%, 60%
XYZ	28.8891, 30.9526, 32.0556
YIQ	150.5330, -0.1830, -2.1910

Conversions

Conversions Part 2

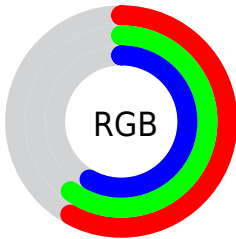
Format	Color
RYB	147, 152, 150
Decimal	9803923
CIELab	62.47, -2.04, 2.24
CIELCh	62, 3.033, 132.393
Yxy	30.9526, 0.3144, 0.3368
Android (android.graphics.Color)	4287994003 (0xFF959893)
YUV	150.5330, -1.7418, -1.3444
Hunter-Lab	55.6351, -4.6733, 4.7831

Details

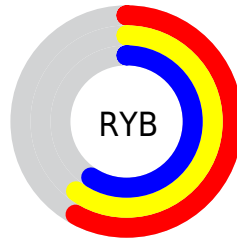
The XYZ color **28.8891, 30.9526, 32.0556** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.6801, 29.6193, 33.9128**, and the grayscale version is **29.2240, 30.7459, 33.4823**.

A 20% lighter version of the original color is **57.2425, 61.0562, 64.0264**, and **11.8484, 12.7671, 13.1491** is the 20% darker color. If you saturate the color by 10%, you get **26.1745, 29.6829, 26.1082**, and if you desaturate by 10%, it is **31.8935, 32.3553, 38.8406**.

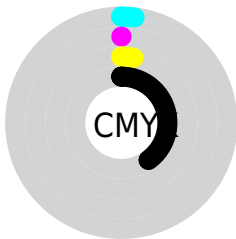
Distribution



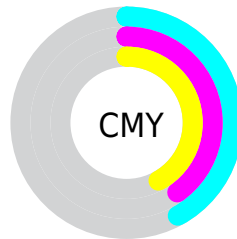
- Red (58%)
- Green (60%)
- Blue (58%)



- Red (58%)
- Yellow (60%)
- Blue (59%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (40%)



- Cyan (42%)
- Magenta (40%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8891, 30.9526, 32.0556 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 28.8891, 30.9526, 32.0556 by changing the saturation by 10% instead.

■ 28.8891, 30.9526,
32.0556

■ 28.8891, 30.9526,
32.0556

288.6950,
306.3199, 325.8730

■ 19.1408, 20.5628,
21.1388

■ 57.2996, 61.1654,
63.9972

■ 11.8767, 12.8048,
13.0333

■ 76.6926, 81.7572,
85.8590

■ 6.7314, 7.2942,
7.3205

100.0311,
106.5184, 112.2063

■ 3.3395, 3.6468,
3.5818

127.6805,
135.8335, 143.4575

■ 1.3357, 1.4780,
1.3989

160.0063,
170.0868, 180.0313

■ 0.2097, 0.2732,
0.1408

197.3737,

■ 0.0000, 0.0000,

209.6627, 222.3461

0.0000

240.1482,
254.9456, 270.8205

■ 28.8891, 30.9526,
32.0556

■ 28.8891, 30.9526,
32.0556

■ 26.1745, 29.6829,
26.1082

■ 31.8935, 32.3553,
38.8406

■ 23.7380, 28.5382,
20.9640

■ 35.1938, 33.8907,
46.4919

■ 21.5710, 27.5156,
16.5891

■ 38.7992, 35.5639,
55.0393

■ 19.6630, 26.6107,
12.9464

■ 42.7176, 37.3783,
64.5105

■ 18.0033, 25.8187,
9.9957

■ 46.9566, 39.3373,
74.9321

■ 16.5801, 25.1345,
7.6932

■ 51.5236, 41.4442,
86.3296

■ 15.3804, 24.5524,
5.9897

■ 56.4258, 43.7020,
98.7274

■ 14.3897, 24.0664,
4.8292

■ 59.4013, 45.2064,
100.2027

■ 13.5914, 23.6692,
4.1451

■ 62.2721, 46.6863,
100.3370

Harmonies

Analogous

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



29.2500, 30.9526, 31.5363



28.8891, 30.9526, 32.0556



28.6715, 30.9526, 33.0211

Triad

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



28.8891, 30.9526, 32.0556



29.1808, 30.9526, 35.9092



30.1994, 30.9526, 33.2180

Complementary

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



28.8891, 30.9526, 32.0556



28.6801, 29.6193, 33.9128

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.



30.1804, 30.9526, 34.3924



28.8891, 30.9526, 32.0556



29.5897, 30.9526, 35.9649

Square

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



28.8891, 30.9526, 32.0556



28.8388, 30.9526, 35.2536



29.9564, 30.9526, 35.4041



30.0079, 30.9526, 32.1968

Rectangle

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



28.8891, 30.9526, 32.0556



28.6358, 30.9526, 33.7969



29.9564, 30.9526, 35.4041



30.2174, 30.9526, 33.6075

Sweetspot

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



28.8900, 30.9539, 32.0563



52.1500, 55.1753, 59.1681



29.1229, 30.5959, 31.9749



11.8603, 12.5440, 13.4645



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.



28.8900, 30.9539, 32.0563



50.5957, 54.4492, 55.7008



28.5676, 30.7832, 32.2466



6.6506, 7.1787, 7.2821



11.0491, 19.6719, 3.2147



0.2045, 0.3144, 0.0499

Inverse Universe

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



28.6801, 29.6193, 33.9128



50.1391, 51.5453, 59.7403



29.0104, 29.7943, 33.7148



6.5826, 6.7460, 7.8841



8.4250, 3.7943, 25.1960



0.1668, 0.0778, 0.3786

Previews

White Background



This preview shows how the XYZ color 28.8891, 30.9526, 32.0556 looks on a white background.

Color Contrast Check

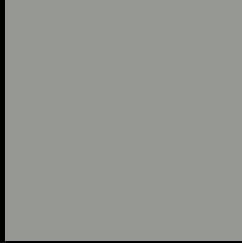
Large Text (above 18pt) WCAG AA × Fail

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 28.8891, 30.9526, 32.0556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

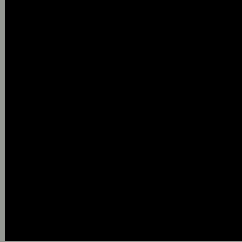
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

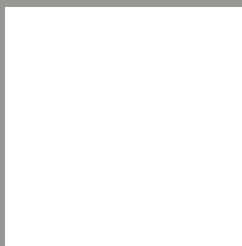
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.8891, 30.9526, 32.0556

Background



This preview shows how black text looks on a background with the XYZ color 28.8891, 30.9526, 32.0556.



This preview shows how white text looks on a background with the XYZ color 28.8891, 30.9526,

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

28.8891, 30.9526, 32.0556

Protanopia

29.6122, 30.8566, 31.5893

Deuteranopia

31.3501, 30.8029, 32.3102



Tritanopia

30.1904, 31.0006, 38.5749

Trichromacy



Original Color

28.8891, 30.9526, 32.0556

Protanomaly

29.3918, 30.9808, 31.6249

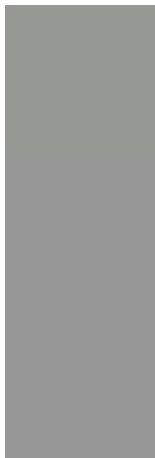
Deuteranomaly

30.4324, 30.7915, 32.3564

Tritanomaly

29.7301, 31.0516, 36.3249

Monochromacy



Original Color

28.8891, 30.9526, 32.0556

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.1493, 30.8193, 33.2665

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8891, 30.9526, 32.0556 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(149, 152, 147)` looks like.

```
.text, #text, p{  
    color:rgb(149, 152, 147)  
}
```

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(149, 152, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 152, 147) }
```

Border

The CSS property to change the border of an element to XYZ 28.8891, 30.9526, 32.0556 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(149, 152, 147) }
```


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

```
.border{ border-color:rgb(149, 152, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 152, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 152, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 152, 147);  
box-shadow:4px 4px 4px 4px rgb(149, 152,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8891, 30.9526, 32.0556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 152, 147) }
```

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

```
.background{ background-color: rgb(149,  
152, 147) }
```

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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