

Converting Colors

XYZ(24.6899, 27.1955, 31.5521)

Have a look what the booklet for
XYZ(24.6899, 27.1955, 31.5521)
contains.

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Color

**XYZ(24.5978, 27.1032,
31.5388)**

Conversions

Conversions Part 1

Format	Color
Hex	829193
RGB	130, 145, 147
RGB Percent	51%, 57%, 58%
CMY	0.4902, 0.4314, 0.4235
CMYK	0.12, 0.01, 0.00, 0.42
HSL	187°, 7%, 54%
HSV	187°, 12%, 58%
XYZ	24.5978, 27.1032, 31.5388
YIQ	140.7430, -9.5820, -2.5580

Conversions

Conversions Part 2

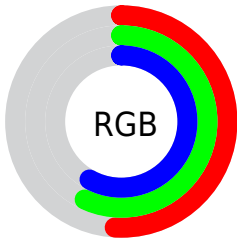
Format	Color
R_{YB}	130, 138, 147
Decimal	8556947
CIE _{Lab}	59.07, -4.94, -2.90
CIE _{LCh}	59, 5.732, 210.387
Yxy	27.1032, 0.2955, 0.3256
Android (android.graphics.Color)	4286747027 (0xFF829193)
YUV	140.7430, 3.0847, -9.4216
Hunter-Lab	52.0607, -6.7681, 0.5242

Details

The XYZ color **24.5978, 27.1032, 31.5388** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.3134, 24.3173, 24.5319**, and the grayscale version is **25.2085, 26.5213, 28.8816**.

A 20% lighter version of the original color is **50.4945, 55.1312, 63.2384**, and **9.6432, 10.7968, 12.8850** is the 20% darker color. If you saturate the color by 10%, you get **22.2404, 25.4997, 31.3540**, and if you desaturate by 10%, it is **27.2830, 28.8831, 31.7413**.

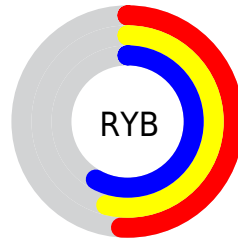
Distribution



Red (51%)

Green (57%)

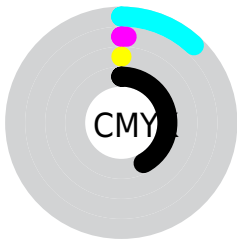
Blue (58%)



Red (51%)

Yellow (54%)

Blue (58%)

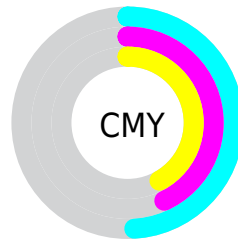


Cyan (12%)

Magenta (1%)

Yellow (0%)

Black (42%)



Cyan (49%)

Magenta (43%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5978, 27.1032, 31.5388 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 24.5978, 27.1032, 31.5388 by changing the saturation by 10% instead.

■ 24.5978, 27.1032,
31.5388

■ 24.5978, 27.1032,
31.5388

268.2137,
288.1564, 323.4407

■ 15.9048, 17.6507,
20.7476

■ 50.4516, 55.0494,
63.1769

■ 9.5472, 10.6995,
12.7502

■ 68.3431, 74.3120,
84.8608

■ 5.1598, 5.8652,
7.1280

■ 90.0314, 97.6134,
111.0127

■ 2.3770, 2.7633,
3.4626

115.8820,
125.3380, 142.0511

■ 0.8336, 1.0094,
1.3354

146.2602,
157.8702, 178.3945

■ 0.0000, 0.0000,
0.0906

181.5313,

■ 0.0000, 0.0000,

195.5944, 220.4616

0.0000

222.0607,
238.8950, 268.6708

■ 24.5978, 27.1032,
31.5388

■ 24.5978, 27.1032,
31.5388

■ 22.2404, 25.4997,
31.3540

■ 27.2830, 28.8831,
31.7413

■ 20.1947, 24.0621,
31.1843

■ 30.3064, 30.8426,
31.9601

■ 18.4470, 22.7840,
31.0297

■ 33.6809, 32.9892,
32.1966

■ 16.9816, 21.6573,
30.8895

■ 37.4180, 35.3287,
32.4512

■ 15.7812, 20.6731,
30.7628

■ 41.5286, 37.8668,
32.7245

■ 14.8267, 19.8215,
30.6487

■ 46.0234, 40.6090,
33.0169

■ 14.0963, 19.0913,
30.5463

■ 50.9123, 43.5606,
33.3289

■ 13.5646, 18.4692,
30.4542

■ 56.2051, 46.7265,
33.6610

■ 13.2126, 17.9986,
30.3819

■ 59.1733, 48.7002,
33.8855

Harmonies

Analogous

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



24.4159, 27.1032, 29.5373



24.5978, 27.1032, 31.5388



25.0902, 27.1032, 33.0523

Triad

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



24.5978, 27.1032, 31.5388



26.9694, 27.1032, 31.4908



25.7515, 27.1032, 25.7612

Complementary

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



24.5978, 27.1032, 31.5388



24.3134, 24.3173, 24.5319

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.



26.4432, 27.1032, 26.2317



24.5978, 27.1032, 31.5388



27.1541, 27.1032, 29.4843

Square

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



24.5978, 27.1032, 31.5388



26.4595, 27.1032, 33.0237



26.9598, 27.1032, 27.5716



25.0745, 27.1032, 26.2562

Rectangle

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



24.5978, 27.1032, 31.5388



25.5328, 27.1032, 33.5477



26.9598, 27.1032, 27.5716



25.9901, 27.1032, 25.8115

Sweetspot

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



24.5986, 27.1043, 31.5394



48.1014, 51.2275, 56.7873



23.8039, 27.2793, 25.8352



10.8932, 11.6367, 12.9568



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



24.5986, 27.1043, 31.5394



42.8448, 47.7263, 56.3885



23.3500, 24.6072, 31.1232



5.9066, 6.4471, 7.4028



11.4660, 15.6269, 26.3430



0.1536, 0.2178, 0.3268

Inverse Universe

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



25.1267, 24.2132, 30.1387



43.9976, 41.4654, 53.3200



25.5112, 26.7130, 24.9312



6.0063, 5.8976, 7.1392



13.9146, 6.7709, 18.8291



0.1770, 0.0855, 0.2657

Previews

White Background



This preview shows how the XYZ color 24.5978, 27.1032, 31.5388 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5978, 27.1032, 31.5388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

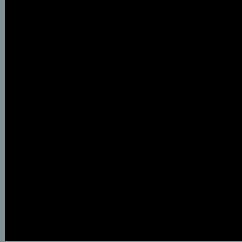
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

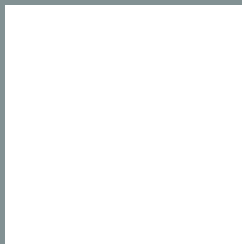
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.5978, 27.1032, 31.5388

Background



This preview shows how black text looks on a background with the XYZ color 24.5978, 27.1032, 31.5388.



This preview shows how white text looks on a background with the XYZ color 24.5978, 27.1032,

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

24.5978, 27.1032, 31.5388

Protanopia

26.1373, 27.0234, 30.6265

Deuteranopia

27.5706, 27.0874, 31.7922



Tritanopia

25.2497, 27.1384, 34.9178

Trichromacy



Original Color

24.5978, 27.1032, 31.5388

Protanomaly

25.5088, 26.9103, 31.0439

Deuteranomaly

26.5472, 27.2076, 31.8694

Tritanomaly

25.0008, 27.0388, 33.6071

Monochromacy



Original Color

24.5978, 27.1032, 31.5388

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.9475, 26.6475, 29.8152

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5978, 27.1032, 31.5388 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(130, 145, 147)` looks like.

```
.text, #text, p{  
    color:rgb(130, 145, 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(130, 145, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 145, 147) }
```

Border

The CSS property to change the border of an element to XYZ 24.5978, 27.1032, 31.5388 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(130, 145, 147) }
```


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

```
.border{ border-color:rgb(130, 145, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 145, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 145, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 145, 147);  
box-shadow:4px 4px 4px 4px rgb(130, 145,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5978, 27.1032, 31.5388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 145, 147) }
```

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

```
.background{ background-color: rgb(130,  
145, 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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