

Converting Colors

XYZ(24.6447, 29.6069, 27.0501)

Have a look what the booklet for
XYZ(24.6447, 29.6069, 27.0501)
contains.

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Color

**XYZ(24.6286, 29.5995,
26.9695)**

Conversions

Conversions Part 1

Format	Color
Hex	7E9B86
RGB	126, 155, 134
RGB Percent	49%, 61%, 53%
CMY	0.5059, 0.3921, 0.4745
CMYK	0.19, 0.00, 0.14, 0.39
HSL	137°, 13%, 55%
HSV	137°, 19%, 61%
XYZ	24.6286, 29.5995, 26.9695
YIQ	143.9350, -10.5430, -12.6790

Conversions

Conversions Part 2

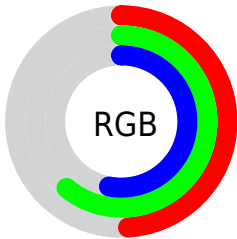
Format	Color
RYB	126, 149, 155
Decimal	8297350
CIELab	61.31, -14.46, 7.68
CIELCh	61, 16.371, 152.004
Yxy	29.5995, 0.3033, 0.3645
Android (android.graphics.Color)	4286487430 (0xFF7E9B86)
YUV	143.9350, -4.8980, -15.7290
Hunter-Lab	54.4054, -14.4050, 8.6929

Details

The XYZ color **24.6286, 29.5995, 26.9695** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.2459, 23.9976, 30.8537**, and the grayscale version is **26.5058, 27.8862, 30.3681**.

A 20% lighter version of the original color is **50.6066, 59.2647, 55.7857**, and **9.5310, 12.0772, 10.2163** is the 20% darker color. If you saturate the color by 10%, you get **21.7760, 28.2155, 22.9641**, and if you desaturate by 10%, it is **27.9201, 31.2019, 31.4305**.

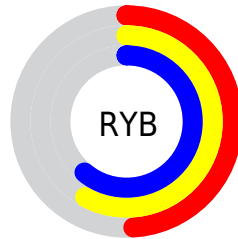
Distribution



Red (49%)

Green (61%)

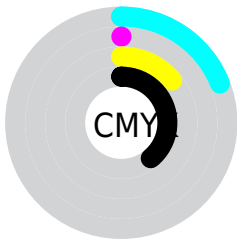
Blue (53%)



Red (49%)

Yellow (58%)

Blue (61%)

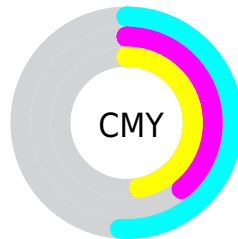


Cyan (19%)

Magenta (0%)

Yellow (14%)

Black (39%)



Cyan (51%)

Magenta (39%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6286, 29.5995, 26.9695 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 24.6286, 29.5995, 26.9695 by changing the saturation by 10% instead.

■ 24.6286, 29.5995,
26.9695

■ 24.6286, 29.5995,
26.9695

268.3651,
300.0331, 301.2649

■ 15.9278, 19.5348,
17.3181

■ 50.5013, 59.0282,
55.8381

■ 9.5636, 12.0573,
10.2972

■ 68.4039, 79.1611,
75.8923

■ 5.1706, 6.7827,
5.4883

■ 90.1046, 103.4187,
100.2512

■ 2.3835, 3.3266,
2.4728

115.9686,
132.1856, 129.3333

■ 0.8369, 1.3045,
0.8257

146.3613,
165.8460, 163.5572

■ 0.0000, 0.1447,
0.0000

181.6480,

■ 0.0000, 0.0000,

204.7845, 203.3414

0.0000

222.1942,
249.3854, 249.1045

■ 24.6286, 29.5995,
26.9695

■ 24.6286, 29.5995,
26.9695

■ 21.7760, 28.2155,
22.9641

■ 27.9201, 31.2019,
31.4305

■ 19.3410, 27.0366,
19.3980

■ 31.6658, 33.0276,
36.3589

■ 17.3042, 26.0540,
16.2568

■ 35.8832, 35.0864,
41.7684

■ 15.6437, 25.2568,
13.5244

■ 40.5881, 37.3861,
47.6716

■ 14.3353, 24.6327,
11.1839

■ 45.7955, 39.9341,
54.0808

■ 13.3518, 24.1682,
9.2171

■ 51.5199, 42.7378,
61.0076

■ 12.6620, 23.8476,
7.6043

■ 57.7752, 45.8040,
68.4632

■ 12.2054, 23.6401,
6.3228

■ 64.5747, 49.1393,
76.4588

■ 12.1535, 23.6164,
6.1801

■ 67.9605, 50.7032,
84.8191

Harmonies

Analogous

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



25.9926, 29.5995, 23.1707



24.6286, 29.5995, 26.9695



24.1895, 29.5995, 32.6459

Triad

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



24.6286, 29.5995, 26.9695



28.2787, 29.5995, 45.6136



31.7984, 29.5995, 26.3358

Complementary

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



24.6286, 29.5995, 26.9695



26.2459, 23.9976, 30.8537

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.



32.4843, 29.5995, 31.8154



24.6286, 29.5995, 26.9695



30.3888, 29.5995, 43.3848

Square

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



24.6286, 29.5995, 26.9695



26.2315, 29.5995, 43.8931



31.9559, 29.5995, 38.1310



30.1251, 29.5995, 22.8390

Rectangle

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



24.6286, 29.5995, 26.9695



24.4613, 29.5995, 36.8861



31.9559, 29.5995, 38.1310



32.1558, 29.5995, 27.9810

Sweetspot

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



24.6294, 29.6007, 26.9702



51.6600, 56.6855, 58.4938



27.5688, 31.1781, 24.3040



11.6059, 12.7880, 13.1243



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.



24.6294, 29.6007, 26.9702



42.1168, 52.0427, 45.5372



25.6902, 30.0251, 32.5565



6.1987, 6.9522, 6.9698



9.7757, 18.9737, 5.0395



0.1600, 0.2892, 0.1484

Inverse Universe

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



26.2459, 23.9976, 30.8537



45.4974, 40.3222, 53.6570



25.1968, 23.5779, 25.3294



6.3885, 6.2946, 7.4259



13.2340, 6.5478, 13.0232



0.2129, 0.1039, 0.2740

Previews

White Background



This preview shows how the XYZ color 24.6286, 29.5995, 26.9695 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 24.6286, 29.5995, 26.9695 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 24.6286, 29.5995, 26.9695

Background



This preview shows how black text looks on a background with the XYZ color 24.6286, 29.5995, 26.9695.



This preview shows how white text looks on a background with the XYZ color 24.6286, 29.5995,

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

24.6286, 29.5995, 26.9695

Protanopia

27.7894, 29.3492, 25.3194

Deuteranopia

29.9142, 29.2591, 27.7378



Tritanopia

27.0375, 29.6029, 38.9392

Trichromacy



Original Color

24.6286, 29.5995, 26.9695

Protanomaly

26.5047, 29.3807, 25.7468

Deuteranomaly

27.6402, 29.2243, 27.4766

Tritanomaly

25.9490, 29.3906, 34.0111

Monochromacy



Original Color

24.6286, 29.5995, 26.9695

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.6401, 28.3916, 28.9397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6286, 29.5995, 26.9695 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(126, 155, 134)` looks like.

```
.text, #text, p{  
    color:rgb(126, 155, 134)  
}
```

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(126, 155, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 155, 134) }
```

Border

The CSS property to change the border of an element to XYZ 24.6286, 29.5995, 26.9695 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(126, 155, 134) }
```


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

```
.border{ border-color:rgb(126, 155, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 155, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 155, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 155, 134);  
box-shadow:4px 4px 4px 4px rgb(126, 155,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6286, 29.5995, 26.9695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 155, 134) }
```

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

```
.background{ background-color: rgb(126,  
155, 134) }
```

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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