

Converting Colors

XYZ(29.1885, 29.9760, 29.6185)

Have a look what the booklet for
XYZ(29.1885, 29.9760, 29.6185)
contains.

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Color

**XYZ(29.1461, 29.9586,
29.4457)**

Conversions

Conversions Part 1

Format	Color
Hex	9D938D
RGB	157, 147, 141
RGB Percent	62%, 58%, 55%
CMY	0.3843, 0.4235, 0.4471
CMYK	0.00, 0.06, 0.10, 0.38
HSL	23°, 8%, 58%
HSV	23°, 10%, 62%
XYZ	29.1461, 29.9586, 29.4457
YIQ	149.3060, 7.8860, 0.2540

Conversions

Conversions Part 2

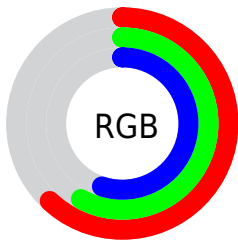
Format	Color
R_{YB}	157, 151, 141
Decimal	10326925
CIE _{Lab}	61.62, 2.61, 4.49
CIE _{LCh}	62, 5.193, 59.839
Yxy	29.9586, 0.3291, 0.3383
Android (android.graphics.Color)	4288517005 (0xFF9D938D)
YUV	149.3060, -4.0949, 6.7476
Hunter-Lab	54.7344, -0.7340, 6.4176

Details

The XYZ color **29.1461, 29.9586, 29.4457** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.1369, 30.2299, 36.2507**, and the grayscale version is **28.7110, 30.2062, 32.8946**.

A 20% lighter version of the original color is **57.8883, 59.7105, 60.1040**, and **12.0151, 12.1852, 11.6163** is the 20% darker color. If you saturate the color by 10%, you get **26.5990, 26.6030, 23.2360**, and if you desaturate by 10%, it is **31.9906, 33.6433, 36.5724**.

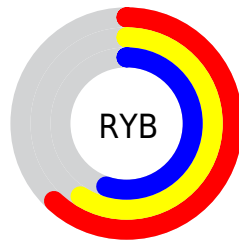
Distribution



Red (62%)

Green (58%)

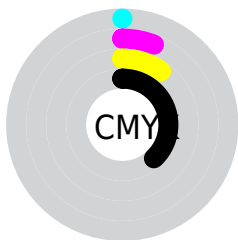
Blue (55%)



Red (62%)

Yellow (59%)

Blue (55%)

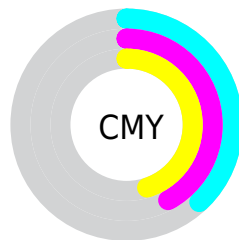


Cyan (0%)

Magenta (6%)

Yellow (10%)

Black (38%)



Cyan (38%)

Magenta (42%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1461, 29.9586, 29.4457 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 29.1461, 29.9586, 29.4457 by changing the saturation by 10% instead.

■ 29.1461, 29.9586,
29.4457

■ 29.1461, 29.9586,
29.4457

289.8855,
301.7114, 313.4386

■ 19.3362, 19.8072,
19.1698

■ 57.7051, 59.5967,
59.8351

■ 12.0189, 12.2549,
11.6150

■ 77.1849, 79.8522,
80.7856

■ 6.8288, 6.9176,
6.3627

■ 100.6187,
104.2444, 106.1314

■ 3.4007, 3.4106,
2.9945

128.3719,
133.1579, 136.2911

■ 1.3690, 1.3497,
1.0918

160.8098,
166.9769, 171.6830

■ 0.2340, 0.1792,
0.0000

198.2978,

■ 0.0000, 0.0000,

206.0859, 212.7259

0.0000

241.2012,
250.8693, 259.8383

■ 29.1461, 29.9586,
29.4457

■ 29.1461, 29.9586,
29.4457

■ 26.5990, 26.6030,
23.2360

■ 31.9906, 33.6433,
36.5724

■ 24.3367, 23.5634,
17.9037

■ 35.1397, 37.6619,
44.6495

■ 22.3491, 20.8313,
13.4092

■ 38.6034, 42.0244,
53.7112

■ 20.6249, 18.3965,
9.7093

■ 42.3904, 46.7388,
63.7893

■ 19.1515, 16.2483,
6.7566

■ 46.5092, 51.8131,
74.9142

■ 17.9155, 14.3750,
4.4987

■ 50.9678, 57.2549,
87.1151

■ 16.9017, 12.7640,
2.8762

■ 55.7742, 63.0716,
100.4200

■ 16.0929, 11.4018,
1.8196

■ 59.0109, 68.5003,
104.7194

■ 15.4637, 10.2860,
1.1704

■ 61.7472, 73.9729,
105.6315

Harmonies

Analogous

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



29.6404, 29.9586, 30.7668



29.1461, 29.9586, 29.4457



28.4785, 29.9586, 28.9682

Triad

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



29.1461, 29.9586, 29.4457



27.1694, 29.9586, 32.6092



29.1395, 29.9586, 36.0256

Complementary

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



29.1461, 29.9586, 29.4457



28.1369, 30.2299, 36.2507

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.



28.4710, 29.9586, 36.5661



29.1461, 29.9586, 29.4457



27.3401, 29.9586, 34.5458

Square

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



29.1461, 29.9586, 29.4457



27.3437, 29.9586, 30.7490



27.8138, 29.9586, 36.0142



29.6365, 29.9586, 34.5650

Rectangle

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



29.1461, 29.9586, 29.4457



28.0272, 29.9586, 29.1769



27.8138, 29.9586, 36.0142



28.9271, 29.9586, 36.3235

Sweetspot

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



29.1469, 29.9599, 29.4463



55.7761, 58.2992, 61.6667



29.0267, 28.4570, 33.2983



12.1850, 12.7144, 13.3474



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.



29.1469, 29.9599, 29.4463



51.2252, 52.3811, 50.3348



30.4120, 32.4900, 29.8680



6.8268, 7.0336, 6.9835



12.5925, 8.4206, 0.9616



0.2642, 0.2287, 0.0302

Inverse Universe

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



28.1369, 30.2299, 36.2507



49.0838, 52.9532, 64.7607



26.9132, 27.7825, 35.8428



6.6125, 7.0908, 8.4268



8.5340, 9.1596, 27.2254



0.1921, 0.2429, 0.5000

Previews

White Background



This preview shows how the XYZ color 29.1461, 29.9586, 29.4457 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 29.1461, 29.9586, 29.4457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

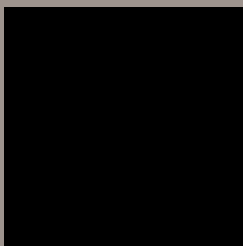
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

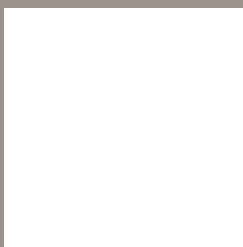
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.1461, 29.9586, 29.4457

Background



This preview shows how black text looks on a background with the XYZ color 29.1461, 29.9586, 29.4457.



This preview shows how white text looks on a background with the XYZ color 29.1461, 29.9586,

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

29.1461, 29.9586, 29.4457

Protanopia

28.6093, 29.9051, 29.8556

Deuteranopia

30.5816, 30.0065, 29.7712



Tritanopia

30.4242, 30.0220, 35.6438

Trichromacy



Original Color

29.1461, 29.9586, 29.4457

Protanomaly

28.7988, 30.0028, 29.8644

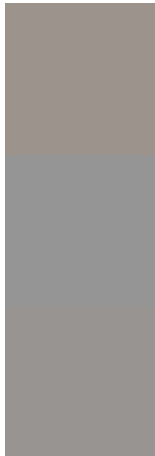
Deuteranomaly

30.1121, 29.9903, 29.7928

Tritanomaly

29.9653, 30.0612, 33.5012

Monochromacy



Original Color

29.1461, 29.9586, 29.4457

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.7271, 29.9305, 31.4572

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1461, 29.9586, 29.4457 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(157, 147, 141)` looks like.

```
.text, #text, p{  
    color:rgb(157, 147, 141)  
}
```

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(157, 147, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 147, 141) }
```

Border

The CSS property to change the border of an element to XYZ 29.1461, 29.9586, 29.4457 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(157, 147, 141) }
```


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

```
.border{ border-color:rgb(157, 147, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 147, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 147, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 147, 141);  
box-shadow:4px 4px 4px 4px rgb(157, 147,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1461, 29.9586, 29.4457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 147, 141) }
```

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

```
.background{ background-color: rgb(157,  
147, 141) }
```

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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