

Converting Colors

XYZ(25.0946, 29.5397, 33.7555)

Have a look what the booklet for
XYZ(25.0946, 29.5397, 33.7555)
contains.

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Color

**XYZ(25.0267, 29.4105,
33.6359)**

Conversions

Conversions Part 1

Format	Color
Hex	799A97
RGB	121, 154, 151
RGB Percent	47%, 60%, 59%
CMY	0.5255, 0.3961, 0.4078
CMYK	0.21, 0.00, 0.02, 0.40
HSL	175°, 14%, 54%
HSV	175°, 21%, 60%
XYZ	25.0267, 29.4105, 33.6359
YIQ	143.7910, -18.7050, -7.9290

Conversions

Conversions Part 2

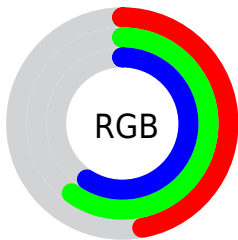
Format	Color
RYB	121, 138, 154
Decimal	7969431
CIELab	61.14, -12.04, -2.20
CIElCh	61, 12.235, 190.342
Yxy	29.4105, 0.2842, 0.3339
Android (android.graphics.Color)	4286159511 (0xFF799A97)
YUV	143.7910, 3.5540, -19.9877
Hunter-Lab	54.2314, -12.5309, 1.1887

Details

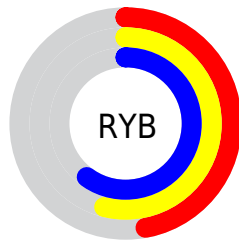
The XYZ color **25.0267, 29.4105, 33.6359** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.8030, 22.0009, 22.0621**, and the grayscale version is **26.4174, 27.7932, 30.2668**.

A 20% lighter version of the original color is **51.0309, 58.5182, 66.3631**, and **9.7490, 11.9602, 13.8513** is the 20% darker color. If you saturate the color by 10%, you get **22.9256, 28.3412, 32.9478**, and if you desaturate by 10%, it is **27.4754, 30.6604, 34.3486**.

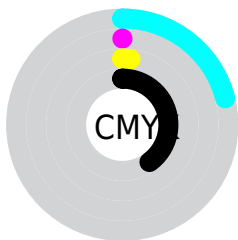
Distribution



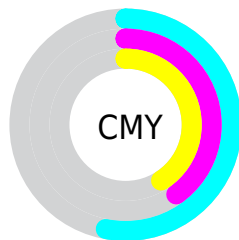
- Red (47%)
- Green (60%)
- Blue (59%)



- Red (47%)
- Yellow (54%)
- Blue (60%)



- Cyan (21%)
- Magenta (0%)
- Yellow (2%)
- Black (40%)



- Cyan (53%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0267, 29.4105, 33.6359 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 25.0267, 29.4105, 33.6359 by changing the saturation by 10% instead.

■ 25.0267, 29.4105,
33.6359

■ 25.0267, 29.4105,
33.6359

270.3161,
299.1469, 333.2249

■ 16.2258, 19.3916,
22.3389

■ 51.1431, 58.7287,
66.4945

■ 9.7759, 11.9536,
13.9055

■ 69.1893, 78.7967,
88.8932

■ 5.3118, 6.7121,
7.9169

■ 91.0480, 102.9832,
115.8295

■ 2.4680, 3.2827,
3.9548

117.0845,
131.6726, 147.7220

■ 0.8791, 1.2810,
1.6006

147.6643,
165.2493, 184.9893

■ 0.0000, 0.1265,
0.2912

183.1525,

■ 0.0000, 0.0000,

204.0976, 228.0499

0.0000

223.9147,
248.6020, 277.3222

■ 25.0267, 29.4105,
33.6359

■ 25.0267, 29.4105,
33.6359

■ 22.9256, 28.3412,
32.9478

■ 27.4754, 30.6604,
34.3486

■ 21.1533, 27.4404,
32.2814

■ 30.2844, 32.0951,
35.0847

■ 19.6929, 26.7003,
31.6367

■ 33.4689, 33.7232,
35.8454

■ 18.5251, 26.1109,
31.0126

■ 37.0424, 35.5517,
36.6315

■ 17.6286, 25.6612,
30.4082

■ 41.0178, 37.5873,
37.4435

■ 16.9789, 25.3386,
29.8223

■ 45.4073, 39.8362,
38.2821

■ 16.5473, 25.1282,
29.2535

■ 50.2228, 42.3044,
39.1478

■ 16.2893, 25.0055,
28.7767

■ 55.4754, 44.9980,
40.0412

■ 59.4617, 47.0384,
40.8825

Harmonies

Analogous

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



25.1474, 29.4105, 29.1411



25.0267, 29.4105, 33.6359



25.6672, 29.4105, 38.0914

Triad

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



25.0267, 29.4105, 33.6359



29.9993, 29.4105, 39.2422



29.0048, 29.4105, 24.4008

Complementary

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



25.0267, 29.4105, 33.6359



23.8030, 22.0009, 22.0621

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.



30.3724, 29.4105, 26.6360



25.0267, 29.4105, 33.6359



30.9616, 29.4105, 35.0890

Square

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



25.0267, 29.4105, 33.6359



28.5114, 29.4105, 41.5274



31.1007, 29.4105, 30.4626



27.4035, 29.4105, 24.0922

Rectangle

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



25.0267, 29.4105, 33.6359



26.4545, 29.4105, 40.3330



31.1007, 29.4105, 30.4626



29.5087, 29.4105, 24.9409

Sweetspot

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



25.0275, 29.4117, 33.6366



52.5345, 57.0352, 63.0986



23.3633, 28.8004, 22.4174



11.8223, 12.8746, 14.2641



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.



25.0275, 29.4117, 33.6366



43.4415, 52.3967, 60.4585



23.2142, 25.3899, 34.2504



6.3603, 7.0169, 7.8210



13.2776, 20.3745, 23.4801



0.2046, 0.3071, 0.3833

Inverse Universe

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



23.8030, 22.0009, 22.0621



40.7868, 36.3256, 35.3628



25.3314, 25.3571, 21.6491



6.2305, 6.2314, 6.5939



10.9285, 5.6256, 0.8825



0.1687, 0.0862, 0.0411

Previews

White Background



This preview shows how the XYZ color 25.0267, 29.4105, 33.6359 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 25.0267, 29.4105, 33.6359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

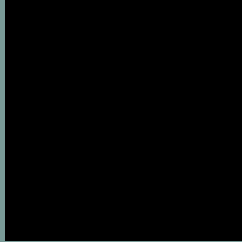
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.0267, 29.4105, 33.6359

Background



This preview shows how black text looks on a background with the XYZ color 25.0267, 29.4105, 33.6359.



This preview shows how white text looks on a background with the XYZ color 25.0267, 29.4105,

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

25.0267, 29.4105, 33.6359

Protanopia

28.1230, 29.1484, 31.7477

Deuteranopia

29.8703, 29.3158, 34.2212



Tritanopia

26.2413, 29.4219, 39.4179

Trichromacy



Original Color

25.0267, 29.4105, 33.6359

Protanomaly

26.7402, 29.1220, 32.2287

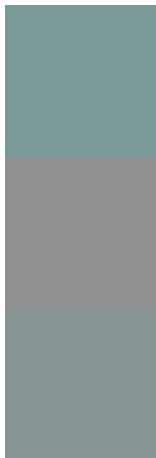
Deuteranomaly

27.7783, 29.1542, 33.8690

Tritanomaly

25.8176, 29.4966, 37.1336

Monochromacy



Original Color

25.0267, 29.4105, 33.6359

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.0097, 28.5206, 31.7379

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0267, 29.4105, 33.6359 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(121, 154, 151)` looks like.

```
.text, #text, p{  
    color:rgb(121, 154, 151)  
}
```

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(121, 154, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 154, 151) }
```

Border

The CSS property to change the border of an element to XYZ 25.0267, 29.4105, 33.6359 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(121, 154, 151) }
```


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

```
.border{ border-color:rgb(121, 154, 151) }
```

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

Here you see how a box with a 4 pixel rgb(121, 154, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 154, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 154, 151);  
box-shadow:4px 4px 4px 4px rgb(121, 154,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0267, 29.4105, 33.6359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 154, 151) }
```

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

```
.background{ background-color: rgb(121,  
154, 151) }
```

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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