

Converting Colors

XYZ(25.9627, 29.9024, 33.2575)

Have a look what the booklet for
XYZ(25.9627, 29.9024, 33.2575)
contains.

XYZ(25.9627, 29.9024, 33.2575)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.9627, 29.9024,
33.2575)**

Conversions

Conversions Part 1

Format	Color
Hex	809A96
RGB	128, 154, 150
RGB Percent	50%, 60%, 59%
CMY	0.4980, 0.3961, 0.4118
CMYK	0.17, 0.00, 0.03, 0.40
HSL	171°, 11%, 55%
HSV	171°, 17%, 60%
XYZ	25.9627, 29.9024, 33.2575
YIQ	145.7700, -14.2120, -6.7560

Conversions

Conversions Part 2

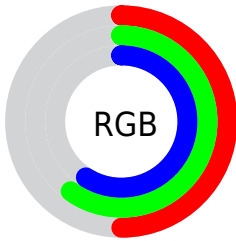
Format	Color
RYB	128, 142, 154
Decimal	8428182
CIELab	61.57, -9.93, -0.95
CIElCh	62, 9.979, 185.464
Yxy	29.9024, 0.2913, 0.3355
Android (android.graphics.Color)	4286618262 (0xFF809A96)
YUV	145.7700, 2.0854, -15.5843
Hunter-Lab	54.6831, -10.9463, 2.2188

Details

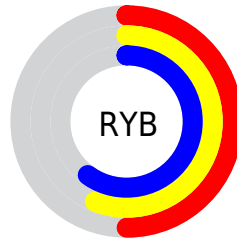
The XYZ color **25.9627, 29.9024, 33.2575** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.2115, 23.9751, 25.1300**, and the grayscale version is **27.2240, 28.6418, 31.1909**.

A 20% lighter version of the original color is **52.5110, 59.2951, 65.8042**, and **10.2443, 12.2210, 13.6233** is the 20% darker color. If you saturate the color by 10%, you get **23.6311, 28.7230, 32.1625**, and if you desaturate by 10%, it is **28.6515, 31.2670, 34.3906**.

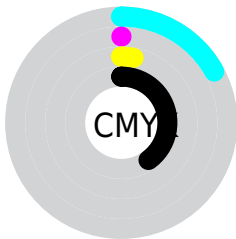
Distribution



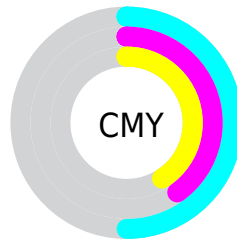
- Red (50%)
- Green (60%)
- Blue (59%)



- Red (50%)
- Yellow (56%)
- Blue (60%)



- Cyan (17%)
- Magenta (0%)
- Yellow (3%)
- Black (40%)



- Cyan (50%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9627, 29.9024, 33.2575 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 25.9627, 29.9024, 33.2575 by changing the saturation by 10% instead.

■ 25.9627, 29.9024,
33.2575

■ 25.9627, 29.9024,
33.2575

274.8590,
301.4493, 331.4760

■ 16.9283, 19.7645,
22.0511

■ 52.6465, 59.5078,
65.8980

■ 10.2784, 12.2240,
13.6957

■ 71.0266, 79.7441,
88.1691

■ 5.6476, 6.8964,
7.7730

■ 93.2526, 104.1153,
114.9655

■ 2.6706, 3.3974,
3.8644

119.6899,
133.0059, 146.7057

■ 0.9821, 1.3426,
1.5512

150.7038,
166.8002, 183.8084

■ 0.0000, 0.1738,
0.2557

186.6597,

■ 0.0000, 0.0000,

205.8826, 226.6919

0.0000

227.9230,
250.6375, 275.7750

■ 25.9627, 29.9024,
33.2575

■ 25.9627, 29.9024,
33.2575

■ 23.6311, 28.7230,
32.1625

■ 28.6515, 31.2670,
34.3906

■ 21.6383, 27.7171,
31.1029

■ 31.7097, 32.8209,
35.5606

■ 19.9681, 26.8770,
30.0782

■ 35.1522, 34.5724,
36.7690

■ 18.6020, 26.1933,
29.0876

■ 38.9923, 36.5284,
38.0165

■ 17.5196, 25.6554,
28.1299

■ 43.2424, 38.6953,
39.3039

■ 16.6980, 25.2515,
27.2040

■ 47.9147, 41.0794,
40.6317

■ 16.1106, 24.9679,
26.3086

■ 53.0207, 43.6866,
42.0007

■ 15.7155, 24.7830,
25.4414

■ 58.5715, 46.5227,
43.4114

■ 15.6055, 24.7320,
25.1757

■ 60.1788, 47.3254,
44.6586

Harmonies

Analogous

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



26.1687, 29.9024, 29.6250



25.9627, 29.9024, 33.2575



26.3987, 29.9024, 36.9726

Triad

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



25.9627, 29.9024, 33.2575



29.9235, 29.9024, 38.8625



29.4912, 29.9024, 26.3687

Complementary

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



25.9627, 29.9024, 33.2575



25.2115, 23.9751, 25.1300

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.



30.5447, 29.9024, 28.5107



25.9627, 29.9024, 33.2575



30.7997, 29.9024, 35.6798

Square

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



25.9627, 29.9024, 33.2575



28.6643, 29.9024, 40.3656



31.0305, 29.9024, 31.8696



28.1797, 29.9024, 25.8294

Rectangle

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



25.9627, 29.9024, 33.2575



27.0029, 29.9024, 38.9387



31.0305, 29.9024, 31.8696



29.8885, 29.9024, 26.9166

Sweetspot

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



25.9636, 29.9036, 33.2582



52.9862, 57.2742, 62.8445



25.0207, 29.6034, 24.8179



11.9144, 12.9238, 14.1934



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.



25.9636, 29.9036, 33.2582



45.6004, 53.5285, 59.7058



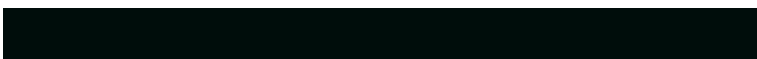
24.9121, 27.2762, 34.5251



6.3437, 7.0102, 7.7334



12.7242, 20.1531, 20.5660



0.1999, 0.3052, 0.3586

Inverse Universe

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



25.2115, 23.9751, 25.1300



43.9899, 40.8291, 42.2969



26.1221, 26.2262, 24.1079



6.2456, 6.2374, 6.6737



10.9983, 5.6535, 1.2499



0.1731, 0.0880, 0.0642

Previews

White Background



This preview shows how the XYZ color 25.9627, 29.9024, 33.2575 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 25.9627, 29.9024, 33.2575 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

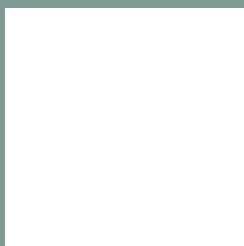
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.9627, 29.9024, 33.2575

Background



This preview shows how black text looks on a background with the XYZ color 25.9627, 29.9024, 33.2575.



This preview shows how white text looks on a background with the XYZ color 25.9627, 29.9024,

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

25.9627, 29.9024, 33.2575

Protanopia

28.5407, 29.8344, 31.4485

Deuteranopia

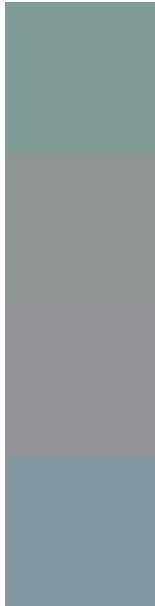
30.3387, 29.7906, 33.8569



Tritanopia

27.2891, 29.9621, 39.4669

Trichromacy



Original Color

25.9627, 29.9024, 33.2575

Protanomaly

27.5005, 29.7589, 31.8984

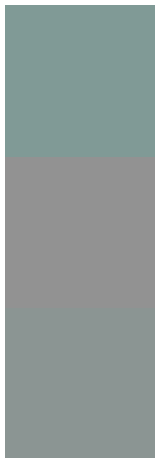
Deuteranomaly

28.5702, 29.8037, 33.5250

Tritanomaly

26.8552, 30.0315, 37.1821

Monochromacy



Original Color

25.9627, 29.9024, 33.2575

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.6614, 29.0904, 31.8136

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9627, 29.9024, 33.2575 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(128, 154, 150)` looks like.

```
.text, #text, p{  
    color:rgb(128, 154, 150)  
}
```

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(128, 154, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 154, 150) }
```

Border

The CSS property to change the border of an element to XYZ 25.9627, 29.9024, 33.2575 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(128, 154, 150) }
```


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

```
.border{ border-color:rgb(128, 154, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 154, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 154, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 154, 150);  
box-shadow:4px 4px 4px 4px rgb(128, 154,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9627, 29.9024, 33.2575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 154, 150) }
```

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

```
.background{ background-color: rgb(128,  
154, 150) }
```

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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