

Converting Colors

XYZ(26.3762, 27.7503, 36.4953)

Have a look what the booklet for
XYZ(26.3762, 27.7503, 36.4953)
contains.

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Color

**XYZ(26.2982, 27.6494,
36.2986)**

Conversions

Conversions Part 1

Format	Color
Hex	88909E
RGB	136, 144, 158
RGB Percent	53%, 56%, 62%
CMY	0.4667, 0.4353, 0.3804
CMYK	0.14, 0.09, 0.00, 0.38
HSL	218°, 10%, 58%
HSV	218°, 14%, 62%
XYZ	26.2982, 27.6494, 36.2986
YIQ	143.2040, -9.2620, 2.6580

Conversions

Conversions Part 2

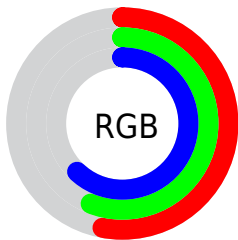
Format	Color
RYB	136, 142, 158
Decimal	8949918
CIELab	59.57, 0.08, -8.38
CIELCh	60, 8.384, 270.516
Yxy	27.6494, 0.2914, 0.3064
Android (android.graphics.Color)	4287139998 (0xFF88909E)
YUV	143.2040, 7.2944, -6.3179
Hunter-Lab	52.5827, -2.7465, -4.1209

Details

The XYZ color **26.2982, 27.6494, 36.2986** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.4511, 30.8594, 27.6974**, and the grayscale version is **26.1650, 27.5276, 29.9776**.

A 20% lighter version of the original color is **53.1906, 56.0111, 70.9586**, and **10.4943, 11.0454, 15.4888** is the 20% darker color. If you saturate the color by 10%, you get **22.4635, 23.5125, 35.7026**, and if you desaturate by 10%, it is **30.6484, 32.2548, 36.9587**.

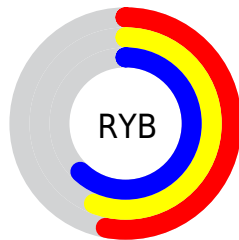
Distribution



Red (53%)

Green (56%)

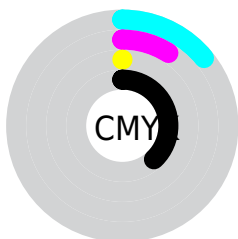
Blue (62%)



Red (53%)

Yellow (56%)

Blue (62%)

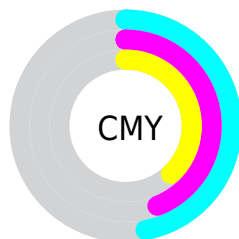


Cyan (14%)

Magenta (9%)

Yellow (0%)

Black (38%)



Cyan (47%)

Magenta (44%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2982, 27.6494, 36.2986 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 26.2982, 27.6494, 36.2986 by changing the saturation by 10% instead.

■ 26.2982, 27.6494,
36.2986

■ 26.2982, 27.6494,
36.2986

276.4728,
290.7878, 345.3406

■ 17.1807, 18.0615,
24.3734

■ 53.1835, 55.9242,
70.6669

■ 10.4595, 10.9942,
15.3961

■ 71.6820, 75.3799,
93.9471

■ 5.7693, 6.0629,
8.9481

■ 94.0383, 98.8937,
121.8494

■ 2.7446, 2.8834,
4.6110

120.6176,
126.8500, 154.7922

■ 1.0202, 1.0712,
1.9662

151.7854,
159.6332, 193.1942

■ 0.0000, 0.0000,
0.5344

187.9069,

■ 0.0000, 0.0000,

197.6276, 237.4739

0.0000

229.3476,
241.2177, 288.0499

■ 26.2982, 27.6494,
36.2986

■ 26.2982, 27.6494,
36.2986

■ 22.4635, 23.5125,
35.7026

■ 30.6484, 32.2548,
36.9587

■ 19.1220, 19.8252,
35.1670

■ 35.5306, 37.3401,
37.6829

■ 16.2530, 16.5721,
34.6904

■ 40.9635, 42.9205,
38.4737

■ 13.8335, 13.7358,
34.2704

■ 46.9640, 49.0095,
39.3327

■ 11.8384, 11.2972,
33.9049

■ 53.5486, 55.6199,
40.2616

■ 10.2399, 9.2358,
33.5912

■ 60.7327, 62.7643,
41.2620

■ 9.0067, 7.5288,
33.3267

■ 68.5313, 70.4546,
42.3353

■ 8.1014, 6.1498,
33.1083

■ 74.1830, 77.2713,
43.3532

■ 7.6580, 5.4414,
32.9949

■ 76.9722, 82.8498,
44.2830

Harmonies

Analogous

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



25.2938, 27.6494, 35.4529



26.2982, 27.6494, 36.2986



27.3238, 27.6494, 35.3946

Triad

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



26.2982, 27.6494, 36.2986



28.0671, 27.6494, 27.2500



24.5528, 27.6494, 27.3348

Complementary

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



26.2982, 27.6494, 36.2986



29.4511, 30.8594, 27.6974

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.



25.2630, 27.6494, 25.3714



26.2982, 27.6494, 36.2986



27.2914, 27.6494, 25.3248

Square

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



26.2982, 27.6494, 36.2986



28.3617, 27.6494, 30.0532



26.2617, 27.6494, 24.6602



24.3026, 27.6494, 30.1579

Rectangle

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



26.2982, 27.6494, 36.2986



27.8774, 27.6494, 33.9540



26.2617, 27.6494, 24.6602



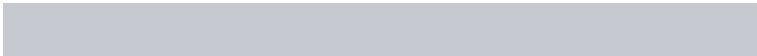
24.7447, 27.6494, 26.5594

Sweetspot

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



26.2990, 27.6506, 36.2992



55.5273, 58.4380, 67.0965



27.8804, 31.8884, 33.5122



12.3831, 13.0324, 15.1065



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



26.2990, 27.6506, 36.2992



45.2811, 47.5575, 65.5364



25.6127, 25.5608, 35.9320



6.4724, 6.8106, 8.3801



6.1680, 4.4276, 26.4368



0.1488, 0.1562, 0.4855

Inverse Universe

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



27.9395, 26.8917, 30.1049



48.9256, 45.9611, 51.7545



30.2017, 33.2070, 28.1110



6.7278, 6.6840, 7.4177



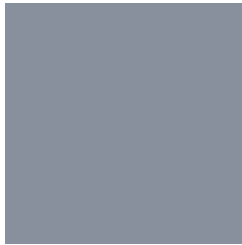
11.9116, 6.0692, 3.7853



0.2324, 0.1163, 0.1700

Previews

White Background



This preview shows how the XYZ color 26.2982, 27.6494, 36.2986 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 26.2982, 27.6494, 36.2986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

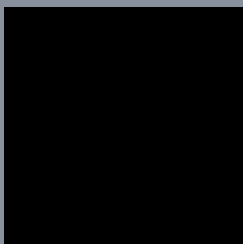
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

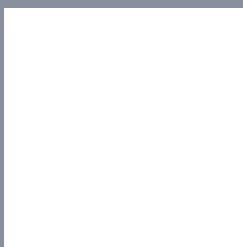
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.2982, 27.6494, 36.2986

Background



This preview shows how black text looks on a background with the XYZ color 26.2982, 27.6494, 36.2986.

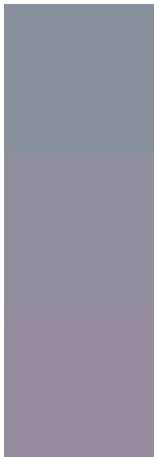


This preview shows how white text looks on a background with the XYZ color 26.2982, 27.6494,

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

26.2982, 27.6494, 36.2986

Protanopia

26.9141, 27.5311, 35.7938

Deuteranopia

28.0683, 27.4525, 36.6204



Tritanopia

26.1274, 27.5811, 35.3991

Trichromacy



Original Color

26.2982, 27.6494, 36.2986

Protanomaly

26.7235, 27.6547, 35.8277

Deuteranomaly

27.4599, 27.5727, 36.6757

Tritanomaly

26.2124, 27.6151, 35.8470

Monochromacy



Original Color

26.2982, 27.6494, 36.2986

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.9830, 27.3585, 31.9282

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2982, 27.6494, 36.2986 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(136, 144, 158)` looks like.

```
.text, #text, p{  
    color:rgb(136, 144, 158)  
}
```

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(136, 144, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 144, 158) }
```

Border

The CSS property to change the border of an element to XYZ 26.2982, 27.6494, 36.2986 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(136, 144, 158) }
```


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

```
.border{ border-color:rgb(136, 144, 158) }
```

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

Here you see how a box with a 4 pixel rgb(136, 144, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 144, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 144, 158);  
box-shadow:4px 4px 4px 4px rgb(136, 144,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2982, 27.6494, 36.2986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 144, 158) }
```

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

```
.background{ background-color: rgb(136,  
144, 158) }
```

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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