

Converting Colors

XYZ(29.5964, 32.9088, 32.4134)

Have a look what the booklet for
XYZ(29.5964, 32.9088, 32.4134)
contains.

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Color

**XYZ(29.5259, 32.7633,
32.3715)**

Conversions

Conversions Part 1

Format	Color
Hex	939E93
RGB	147, 158, 147
RGB Percent	58%, 62%, 58%
CMY	0.4235, 0.3804, 0.4235
CMYK	0.07, 0.00, 0.07, 0.38
HSL	120°, 5%, 60%
HSV	120°, 7%, 62%
XYZ	29.5259, 32.7633, 32.3715
YIQ	153.4570, -3.0250, -5.7530

Conversions

Conversions Part 2

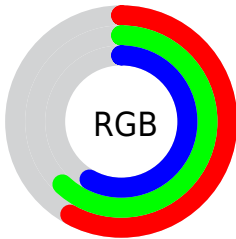
Format	Color
RYB	147, 158, 158
Decimal	9674387
CIELab	63.97, -6.06, 4.39
CIELCh	64, 7.487, 144.078
Yxy	32.7633, 0.3119, 0.3461
Android (android.graphics.Color)	4287864467 (0xFF939E93)
YUV	153.4570, -3.1833, -5.6628
Hunter-Lab	57.2392, -8.0924, 6.5362

Details

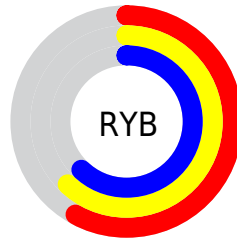
The XYZ color **29.5259, 32.7633, 32.3715** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.7070, 30.6059, 36.6384**, and the grayscale version is **30.4926, 32.0806, 34.9358**.

A 20% lighter version of the original color is **58.4243, 64.2231, 64.5753**, and **12.1929, 13.8467, 13.0964** is the 20% darker color. If you saturate the color by 10%, you get **25.7290, 30.9404, 26.1603**, and if you desaturate by 10%, it is **33.8841, 34.8577, 39.4993**.

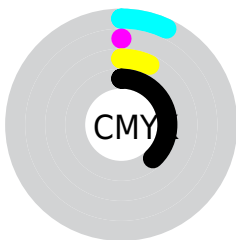
Distribution



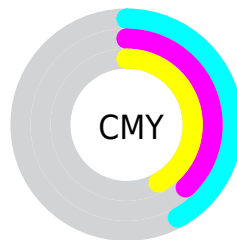
- Red (58%)
- Green (62%)
- Blue (58%)



- Red (58%)
- Yellow (62%)
- Blue (62%)



- Cyan (7%)
- Magenta (0%)
- Yellow (7%)
- Black (38%)



- Cyan (42%)
- Magenta (38%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5259, 32.7633, 32.3715 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 29.5259, 32.7633, 32.3715 by changing the saturation by 10% instead.

■ 29.5259, 32.7633,
32.3715

■ 29.5259, 32.7633,
32.3715

291.6379,
314.5818, 327.3528

■ 19.6253, 21.9452,
21.3782

■ 58.3034, 64.0058,
64.4977

■ 12.2296, 13.8166,
13.2068

■ 77.9110, 85.1990,
86.4677

■ 6.9736, 7.9932,
7.4387

101.4850,
110.6193, 112.9337

■ 3.4918, 4.0906,
3.6554

129.3907,
140.6511, 144.3143

■ 1.4188, 1.7244,
1.4383

161.9935,
175.6789, 181.0280

■ 0.2696, 0.4394,
0.1713

199.6587,

■ 0.0000, 0.0000,

216.0870, 223.4932

0.0000

242.7517,
262.2599, 272.1287

■ 29.5259, 32.7633,
32.3715

■ 29.5259, 32.7633,
32.3715

■ 25.7290, 30.9404,
26.1603

■ 33.8841, 34.8577,
39.4993

■ 22.4681, 29.3740,
20.8265

■ 38.8223, 37.2298,
47.5766

■ 19.7198, 28.0539,
16.3312

■ 44.3617, 39.8907,
56.6371

■ 17.4582, 26.9675,
12.6318

■ 50.5214, 42.8495,
66.7123

■ 15.6547, 26.1012,
9.6819

■ 57.3200, 46.1152,
77.8325

■ 14.2783, 25.4401,
7.4305

■ 64.7751, 49.6962,
90.0264

■ 13.2936, 24.9671,
5.8198

■ 71.5175, 52.9350,
101.0558

■ 12.6600, 24.6627,
4.7833

■ 12.3138, 24.4964,
4.2171

Harmonies

Analogous

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



30.3199, 32.7633, 30.6263



29.5259, 32.7633, 32.3715



29.1654, 32.7633, 35.0774

Triad

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



29.5259, 32.7633, 32.3715



30.9316, 32.7633, 41.7723



33.0303, 32.7633, 33.3547

Complementary

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



29.5259, 32.7633, 32.3715



30.7070, 30.6059, 36.6384

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.



33.2029, 32.7633, 36.2766



29.5259, 32.7633, 32.3715



31.9758, 32.7633, 41.2472

Square

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



29.5259, 32.7633, 32.3715



29.9651, 32.7633, 40.5902



32.8130, 32.7633, 39.1931



32.3463, 32.7633, 31.1711

Rectangle

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



29.5259, 32.7633, 32.3715



29.2134, 32.7633, 37.1061



32.8130, 32.7633, 39.1931



33.1506, 32.7633, 34.2785

Sweetspot

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



29.5268, 32.7647, 32.3722



57.3850, 61.3071, 64.9466



31.5953, 33.8310, 32.4689



12.9586, 13.8318, 14.6769



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.



29.5268, 32.7647, 32.3722



52.7428, 59.0773, 57.3535



29.9690, 32.9416, 34.7007



6.5508, 7.4011, 7.0690



9.7925, 19.5849, 3.2642



0.1751, 0.3502, 0.0584

Inverse Universe

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



30.7070, 30.6059, 36.6384



55.2331, 54.5218, 66.3559



30.2439, 30.4207, 34.1997



6.9042, 6.7546, 8.3465



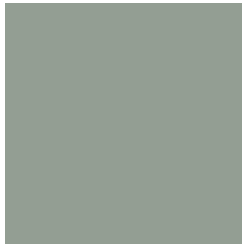
16.2357, 7.7988, 26.5557



0.2903, 0.1394, 0.4748

Previews

White Background



This preview shows how the XYZ color 29.5259, 32.7633, 32.3715 looks on a white background.

Color Contrast Check

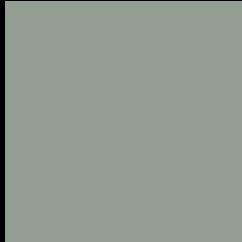
Large Text (above 18pt) WCAG AA × Fail

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 29.5259, 32.7633, 32.3715 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 ✓ Pass

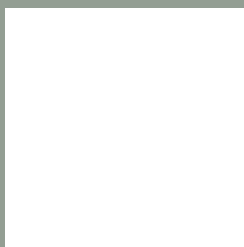
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.5259, 32.7633, 32.3715

Background



This preview shows how black text looks on a background with the XYZ color 29.5259, 32.7633, 32.3715.



This preview shows how white text looks on a background with the XYZ color 29.5259, 32.7633,

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

29.5259, 32.7633, 32.3715

Protanopia

31.1636, 32.6291, 31.4436

Deuteranopia

33.3444, 32.7533, 32.9983



Tritanopia

31.2741, 32.7167, 41.2259

Trichromacy



Original Color

29.5259, 32.7633, 32.3715

Protanomaly

30.4272, 32.4866, 31.8610

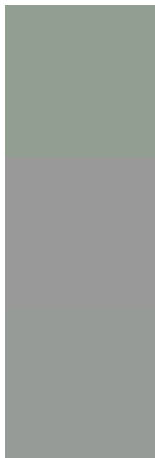
Deuteranomaly

31.8408, 32.7071, 32.6519

Tritanomaly

30.6281, 32.7046, 37.9560

Monochromacy



Original Color

29.5259, 32.7633, 32.3715

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.0698, 32.2564, 33.9194

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5259, 32.7633, 32.3715 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(147, 158, 147)` looks like.

```
.text, #text, p{  
    color:rgb(147, 158, 147)  
}
```

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(147, 158, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 158, 147) }
```

Border

The CSS property to change the border of an element to XYZ 29.5259, 32.7633, 32.3715 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(147, 158, 147) }
```


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

```
.border{ border-color:rgb(147, 158, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 158, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 158, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 158, 147);  
box-shadow:4px 4px 4px 4px rgb(147, 158,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5259, 32.7633, 32.3715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 158, 147) }
```

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

```
.background{ background-color: rgb(147,  
158, 147) }
```

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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