

Converting Colors

XYZ(22.9593, 25.2342, 32.8004)

Have a look what the booklet for
XYZ(22.9593, 25.2342, 32.8004)
contains.

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Color

**XYZ(22.9959, 25.3491,
32.9590)**

Conversions

Conversions Part 1

Format	Color
Hex	798D97
RGB	121, 141, 151
RGB Percent	47%, 55%, 59%
CMY	0.5255, 0.4470, 0.4078
CMYK	0.20, 0.07, 0.00, 0.41
HSL	200°, 13%, 53%
HSV	200°, 20%, 59%
XYZ	22.9959, 25.3491, 32.9590
YIQ	136.1600, -15.1300, -1.1300

Conversions

Conversions Part 2

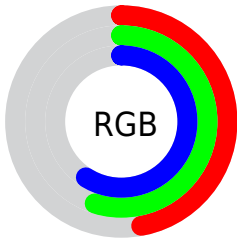
Format	Color
R_{YB}	121, 133, 151
Decimal	7966103
CIE _{Lab}	57.41, -4.88, -7.71
CIE _{LCh}	57, 9.126, 237.671
Yxy	25.3491, 0.2828, 0.3118
Android (android.graphics.Color)	4286156183 (0xFF798D97)
YUV	136.1600, 7.3161, -13.2953
Hunter-Lab	50.3479, -6.5807, -3.5692

Details

The XYZ color **22.9959, 25.3491, 32.9590** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.3301, 24.1922, 21.4767**, and the grayscale version is **23.4398, 24.6605, 26.8552**.

A 20% lighter version of the original color is **47.9901, 52.4367, 65.3495**, and **8.7138, 9.7800, 13.4851** is the 20% darker color. If you saturate the color by 10%, you get **20.3182, 22.8927, 32.6264**, and if you desaturate by 10%, it is **26.0401, 28.0458, 33.3195**.

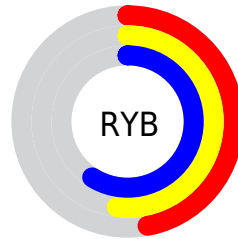
Distribution



Red (47%)

Green (55%)

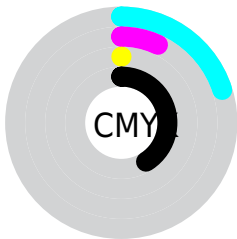
Blue (59%)



Red (47%)

Yellow (52%)

Blue (59%)

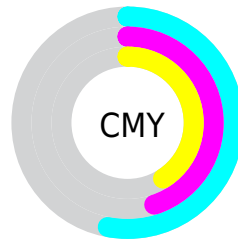


Cyan (20%)

Magenta (7%)

Yellow (0%)

Black (41%)



Cyan (53%)

Magenta (45%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.9959, 25.3491, 32.9590 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 22.9959, 25.3491, 32.9590 by changing the saturation by 10% instead.

■ 22.9959, 25.3491,
32.9590

■ 22.9959, 25.3491,
32.9590

260.2397,
279.5720, 330.0913

■ 14.7112, 16.3373,
21.8242

■ 47.8533, 52.2230,
65.4268

■ 8.7019, 9.7632,
13.5307

■ 65.1567, 70.8539,
87.5968

■ 4.6028, 5.2422,
7.6600

■ 86.1970, 93.4600,
114.2824

■ 2.0485, 2.3901,
3.7935

111.3395,
120.4257, 145.9019

■ 0.6610, 0.8208,
1.5128

140.9497,
152.1354, 182.8741

■ 0.0000, 0.0000,
0.2274

175.3929,

■ 0.0000, 0.0000,

188.9734, 225.6173

0.0000

215.0344,
231.3241, 274.5502

■ 22.9959, 25.3491,
32.9590

■ 22.9959, 25.3491,
32.9590

■ 20.3182, 22.8927,
32.6264

■ 26.0401, 28.0458,
33.3195

■ 17.9889, 20.6646,
32.3191

■ 29.4634, 30.9880,
33.7070

■ 15.9917, 18.6565,
32.0368

■ 33.2804, 34.1845,
34.1228

■ 14.3081, 16.8581,
31.7784

■ 37.5043, 37.6427,
34.5676

■ 12.9176, 15.2582,
31.5428

■ 42.1477, 41.3697,
35.0423

■ 11.7969, 13.8439,
31.3289

■ 47.2227, 45.3724,
35.5474

■ 10.9191, 12.6008,
31.1353

■ 52.7407, 49.6573,
36.0836

■ 10.2175, 11.4937,
30.9586

■ 58.7129, 54.2305,
36.6516

■ 10.2086, 11.4795,
30.9563

■ 64.4467, 58.7358,
37.2190

Harmonies

Analogous

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



22.2942, 25.3491, 30.4671



22.9959, 25.3491, 32.9590



24.0090, 25.3491, 34.0059

Triad

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



22.9959, 25.3491, 32.9590



26.2370, 25.3491, 27.8442



23.1384, 25.3491, 22.6441

Complementary

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



22.9959, 25.3491, 32.9590



24.3301, 24.1922, 21.4767

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.



24.1784, 25.3491, 22.0552



22.9959, 25.3491, 32.9590



25.9872, 25.3491, 24.9202

Square

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



22.9959, 25.3491, 32.9590



25.8982, 25.3491, 30.9181



25.2256, 25.3491, 22.8574



22.3747, 25.3491, 24.5298

Rectangle

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



22.9959, 25.3491, 32.9590



24.7319, 25.3491, 33.6888



25.2256, 25.3491, 22.8574



23.4663, 25.3491, 22.2944

Sweetspot

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



22.9967, 25.3501, 32.9596



48.8503, 52.1479, 59.9245



23.0150, 27.8237, 25.4533



11.0230, 11.7835, 13.6110



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



22.9967, 25.3501, 32.9596



38.8913, 43.3161, 58.7447



20.9964, 21.3496, 32.2928



6.2111, 6.6795, 7.8909



8.7114, 9.8195, 26.3439



0.1633, 0.2130, 0.4049

Inverse Universe

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



24.4081, 22.1776, 28.1948



41.9435, 36.6709, 48.3932



26.4160, 28.3641, 22.1720



6.3736, 6.2886, 7.3477



12.8559, 6.3966, 11.0320



0.2089, 0.1023, 0.2529

Previews

White Background



This preview shows how the XYZ color 22.9959, 25.3491, 32.9590 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 22.9959, 25.3491, 32.9590 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

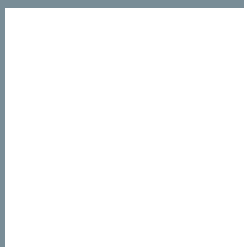
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.9959, 25.3491, 32.9590

Background



This preview shows how black text looks on a background with the XYZ color 22.9959, 25.3491, 32.9590.



This preview shows how white text looks on a background with the XYZ color 22.9959, 25.3491,

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

22.9959, 25.3491, 32.9590

Protanopia

24.6075, 25.3478, 31.6126

Deuteranopia

25.6942, 25.2465, 33.2246



Tritanopia

23.0775, 25.3817, 33.3886

Trichromacy



Original Color

22.9959, 25.3491, 32.9590

Protanomaly

23.8734, 25.1722, 32.0342

Deuteranomaly

24.7665, 25.3926, 33.3017

Tritanomaly

23.0775, 25.3817, 33.3886

Monochromacy



Original Color

22.9959, 25.3491, 32.9590

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.2563, 24.9253, 28.7846

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.9959, 25.3491, 32.9590 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, 141, 151)` looks like.

```
.text, #text, p{  
    color:rgb(121, 141, 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, 141, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 141, 151) }
```

Border

The CSS property to change the border of an element to XYZ 22.9959, 25.3491, 32.9590 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, 141, 151) }
```


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

```
.border{ border-color:rgb(121, 141, 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, 141, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 141, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 141, 151);  
box-shadow:4px 4px 4px 4px rgb(121, 141,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 22.9959, 25.3491, 32.9590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 141, 151) }
```

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

```
.background{ background-color: rgb(121,  
141, 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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