

Converting Colors

XYZ(22.9449, 24.9021, 30.4033)

Have a look what the booklet for
XYZ(22.9449, 24.9021, 30.4033)
contains.

XYZ(22.9476, 24.9452, 30.3935)	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(22.9476, 24.9452,
30.3935)**

Conversions

Conversions Part 1

Format	Color
Hex	7E8B91
RGB	126, 139, 145
RGB Percent	49%, 55%, 57%
CMY	0.5059, 0.4549, 0.4314
CMYK	0.13, 0.04, 0.00, 0.43
HSL	199°, 8%, 53%
HSV	199°, 13%, 57%
XYZ	22.9476, 24.9452, 30.3935
YIQ	135.7970, -9.6740, -0.8900

Conversions

Conversions Part 2

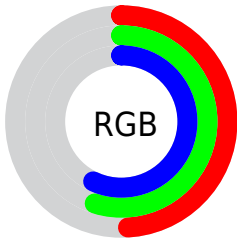
Format	Color
R_{YB}	126, 134, 145
Decimal	8293265
CIE _{Lab}	57.02, -3.41, -4.81
CIE _{LCh}	57, 5.894, 234.665
Yxy	24.9452, 0.2931, 0.3186
Android (android.graphics.Color)	4286483345 (0xFF7E8B91)
YUV	135.7970, 4.5371, -8.5920
Hunter-Lab	49.9452, -5.3912, -1.1186

Details

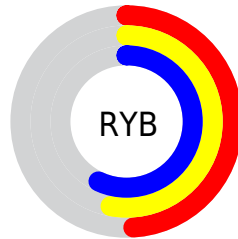
The XYZ color **22.9476, 24.9452, 30.3935** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.6943, 24.0284, 23.1281**, and the grayscale version is **23.3126, 24.5266, 26.7095**.

A 20% lighter version of the original color is **47.7488, 51.4065, 61.4386**, and **8.6985, 9.5488, 12.2111** is the 20% darker color. If you saturate the color by 10%, you get **20.3138, 22.6247, 30.0848**, and if you desaturate by 10%, it is **25.9206, 27.4831, 30.7271**.

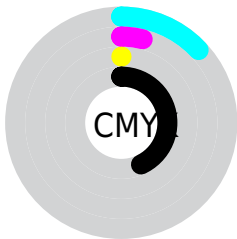
Distribution



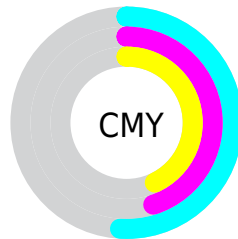
- Red (49%)
- Green (55%)
- Blue (57%)



- Red (49%)
- Yellow (53%)
- Blue (57%)



- Cyan (13%)
- Magenta (4%)
- Yellow (0%)
- Black (43%)



- Cyan (51%)
- Magenta (45%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.9476, 24.9452, 30.3935 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 22.9476, 24.9452, 30.3935 by changing the saturation by 10% instead.

■ 22.9476, 24.9452,
30.3935

■ 22.9476, 24.9452,
30.3935

259.9961,
277.5649, 317.9986

■ 14.6753, 16.0362,
19.8829

■ 47.7746, 51.5683,
61.3523

■ 8.6767, 9.5498,
12.1267

■ 65.0599, 70.0512,
82.6375

■ 4.5863, 5.1015,
6.7064

■ 86.0804, 92.4943,
108.3513

■ 2.0389, 2.3069,
3.2035

111.2013,
119.2818, 138.9123

■ 0.6557, 0.7774,
1.1995

140.7879,
150.7983, 174.7390

■ 0.0000, 0.0000,
0.0000

175.2057,

187.4280, 216.2499

214.8200,
229.5554, 263.8636

■ 22.9476, 24.9452,
30.3935

■ 22.9476, 24.9452,
30.3935

■ 20.3138, 22.6247,
30.0848

■ 25.9206, 27.4831,
30.7271

■ 18.0033, 20.5109,
29.7986

■ 29.2434, 30.2424,
31.0845

■ 16.0023, 18.5968,
29.5346

■ 32.9287, 33.2307,
31.4671

■ 14.2951, 16.8739,
29.2920

■ 36.9883, 36.4546,
31.8754

■ 12.8645, 15.3327,
29.0699

■ 41.4329, 39.9201,
32.3101

■ 11.6912, 13.9628,
28.8674

■ 46.2731, 43.6331,
32.7716

■ 10.7534, 12.7523,
28.6831

■ 51.5191, 47.5993,
33.2607

■ 10.0254, 11.6876,
28.5160

■ 57.1806, 51.8242,
33.7778

■ 9.5944, 11.0114,
28.4082

■ 62.7122, 56.0270,
34.2975

Harmonies

Analogous

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



22.5197, 24.9452, 28.7843



22.9476, 24.9452, 30.3935



23.5860, 24.9452, 31.1392

Triad

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



22.9476, 24.9452, 30.3935



25.0608, 24.9452, 27.5173



23.1581, 24.9452, 23.8397

Complementary

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



22.9476, 24.9452, 30.3935



23.6943, 24.0284, 23.1281

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.



23.8337, 24.9452, 23.5371



22.9476, 24.9452, 30.3935



24.9409, 24.9452, 25.6000

Square

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



22.9476, 24.9452, 30.3935



24.8130, 24.9452, 29.4277



24.4884, 24.9452, 24.1664



22.6395, 24.9452, 25.0140

Rectangle

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



22.9476, 24.9452, 30.3935



24.0485, 24.9452, 31.0213



24.4884, 24.9452, 24.1664



23.3740, 24.9452, 23.6352

Sweetspot

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



22.9483, 24.9462, 30.3941



45.8703, 48.7549, 54.9666



22.8743, 26.3446, 25.6021



10.1191, 10.7740, 12.2185



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



22.9483, 24.9462, 30.3941



39.5075, 43.2900, 54.2471



21.6714, 22.3924, 29.9684



5.4186, 5.8331, 6.8691



8.2532, 9.4925, 24.3743



0.0987, 0.1304, 0.2396

Inverse Universe

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



23.7986, 22.8060, 27.5750



41.3794, 38.6694, 48.0207



24.9977, 26.6353, 23.5626



5.5548, 5.4824, 6.4195



11.9690, 5.9446, 10.7539



0.1244, 0.0608, 0.1555

Previews

White Background



This preview shows how the XYZ color 22.9476, 24.9452, 30.3935 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 22.9476, 24.9452, 30.3935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

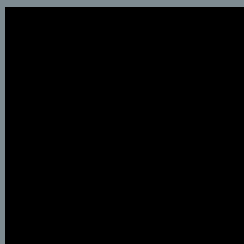
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

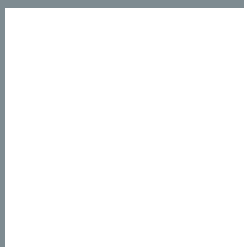
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.9476, 24.9452, 30.3935

Background



This preview shows how black text looks on a background with the XYZ color 22.9476, 24.9452, 30.3935.



This preview shows how white text looks on a background with the XYZ color 22.9476, 24.9452,

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

22.9476, 24.9452, 30.3935

Protanopia

24.0786, 24.9099, 29.5256

Deuteranopia

25.4299, 24.9614, 30.6719



Tritanopia

23.2657, 24.8589, 32.0058

Trichromacy



Original Color

22.9476, 24.9452, 30.3935

Protanomaly

23.6526, 24.8915, 29.9435

Deuteranomaly

24.4997, 24.8922, 30.7075

Tritanomaly

23.1862, 24.8271, 31.5870

Monochromacy



Original Color

22.9476, 24.9452, 30.3935

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.1216, 24.6609, 27.9675

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.9476, 24.9452, 30.3935 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(126, 139, 145)` looks like.

```
.text, #text, p{  
    color:rgb(126, 139, 145)  
}
```

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(126, 139, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 139, 145) }
```

Border

The CSS property to change the border of an element to XYZ 22.9476, 24.9452, 30.3935 is called "border". The border property can be set on classes, ids or directly on the HTML element.

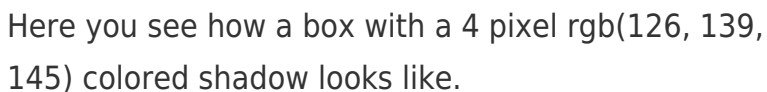
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(126, 139, 145) }
```


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

```
.border{ border-color:rgb(126, 139, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(126, 139, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 139, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 139, 145); box-shadow:4px 4px 4px 4px rgb(126, 139, 145) }
```

Background

The CSS property to change the background color of an element to XYZ 22.9476, 24.9452, 30.3935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 139, 145) }
```

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

```
.background{ background-color: rgb(126,  
139, 145) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor