

Converting Colors

XYZ(24.4106, 30.4663, 32.0995)

Have a look what the booklet for
XYZ(24.4106, 30.4663, 32.0995)
contains.

XYZ(24.3467, 30.3476, 32.1782)	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(24.3467, 30.3476,
32.1782)**

Conversions

Conversions Part 1

Format	Color
Hex	709F93
RGB	112, 159, 147
RGB Percent	44%, 62%, 58%
CMY	0.5608, 0.3765, 0.4235
CMYK	0.30, 0.00, 0.08, 0.38
HSL	165°, 20%, 53%
HSV	165°, 30%, 62%
XYZ	24.3467, 30.3476, 32.1782
YIQ	143.5790, -24.1600, -13.6960

Conversions

Conversions Part 2

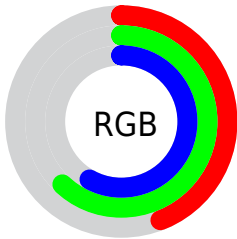
Format	Color
RYB	112, 139, 159
Decimal	7380883
CIELab	61.95, -18.46, 1.18
CIELCh	62, 18.498, 176.332
Yxy	30.3476, 0.2803, 0.3493
Android (android.graphics.Color)	4285570963 (0xFF709F93)
YUV	143.5790, 1.6866, -27.6948
Hunter-Lab	55.0887, -17.5162, 3.9298

Details

The XYZ color **24.3467, 30.3476, 32.1782** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.7314, 20.4154, 21.7599**, and the grayscale version is **26.3411, 27.7129, 30.1794**.

A 20% lighter version of the original color is **50.1062, 60.3095, 64.2584**, and **9.4020, 12.4026, 13.2077** is the 20% darker color. If you saturate the color by 10%, you get **22.1867, 29.2710, 30.4437**, and if you desaturate by 10%, it is **26.8770, 31.6153, 33.9901**.

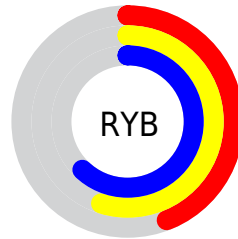
Distribution



Red (44%)

Green (62%)

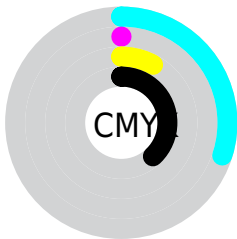
Blue (58%)



Red (44%)

Yellow (55%)

Blue (62%)

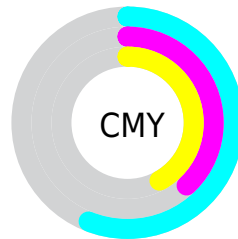


Cyan (30%)

Magenta (0%)

Yellow (8%)

Black (38%)



Cyan (56%)

Magenta (38%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3467, 30.3476, 32.1782 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 24.3467, 30.3476, 32.1782 by changing the saturation by 10% instead.

■ 24.3467, 30.3476,
32.1782

■ 24.3467, 30.3476,
32.1782

266.9767,
303.5213, 326.4479

■ 15.7171, 20.1026,
21.2317

■ 50.0459, 60.2115,
64.1915

■ 9.4138, 12.4696,
13.1006

■ 67.8463, 80.5991,
86.0954

■ 5.0713, 7.0644,
7.3663

■ 89.4344, 105.1363,
112.4888

■ 2.3244, 3.5024,
3.6103

■ 115.1754,
134.2077, 143.7903

■ 0.8071, 1.3993,
1.4141

145.4348,
168.1974, 180.4184

■ 0.0000, 0.2162,
0.1527

180.5779,

■ 0.0000, 0.0000,

207.4900, 222.7917

0.0000

220.9701,
252.4699, 271.3287

■ 24.3467, 30.3476,
32.1782

■ 24.3467, 30.3476,
32.1782

■ 22.1867, 29.2710,
30.4437

■ 26.8770, 31.6153,
33.9901

■ 20.3754, 28.3722,
28.7829

■ 29.7924, 33.0795,
35.8787

■ 18.8932, 27.6417,
27.1951

■ 33.1103, 34.7499,
37.8460

■ 17.7171, 27.0677,
25.6784

■ 36.8461, 36.6343,
39.8933

■ 16.8212, 26.6370,
24.2312

■ 41.0144, 38.7403,
42.0218

■ 16.1754, 26.3339,
22.8513

■ 45.6291, 41.0751,
44.2328

■ 15.7120, 26.1237,
21.5349

■ 50.7033, 43.6455,
46.5275

■ 15.6926, 26.1149,
21.4783

■ 56.2500, 46.4579,
48.9069

■ 62.2426, 49.4989,
51.3704

Harmonies

Analogous

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



25.0585, 30.3476, 26.0421



24.3467, 30.3476, 32.1782



24.7820, 30.3476, 39.4723

Triad

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



24.3467, 30.3476, 32.1782



31.0097, 30.3476, 46.8417



31.5669, 30.3476, 22.9393

Complementary

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



24.3467, 30.3476, 32.1782



23.7314, 20.4154, 21.7599

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.



33.3283, 30.3476, 27.3534



24.3467, 30.3476, 32.1782



32.9938, 30.3476, 41.1989

Square

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



24.3467, 30.3476, 32.1782



28.5408, 30.3476, 48.6148



33.8647, 30.3476, 33.9239



29.1503, 30.3476, 21.2122

Rectangle

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



24.3467, 30.3476, 32.1782



25.6785, 30.3476, 43.9277



33.8647, 30.3476, 33.9239



32.2605, 30.3476, 24.1242

Sweetspot

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



24.3476, 30.3488, 32.1789



53.5706, 59.3492, 64.3870



23.7132, 30.2923, 19.9270



11.9042, 13.2931, 14.4085



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.



24.3476, 30.3488, 32.1789



41.1633, 53.1321, 55.7137



23.5362, 27.1393, 36.8002



6.7494, 7.4805, 8.1151



12.4115, 20.6325, 17.0556



0.2378, 0.3753, 0.3886

Inverse Universe

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



23.7314, 20.4154, 21.7599



39.8938, 32.6127, 34.2072



24.3025, 22.6993, 18.4303



6.6991, 6.6726, 7.2667



11.6187, 5.9520, 2.2430



0.2233, 0.1127, 0.1222

Previews

White Background



This preview shows how the XYZ color 24.3467, 30.3476, 32.1782 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 24.3467, 30.3476, 32.1782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

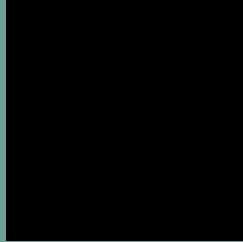
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 24.3467, 30.3476, 32.1782

Background



This preview shows how black text looks on a background with the XYZ color 24.3467, 30.3476, 32.1782.

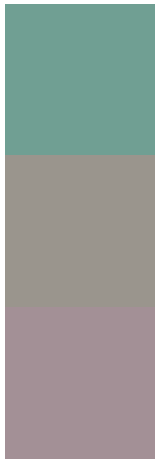


This preview shows how white text looks on a background with the XYZ color 24.3467, 30.3476,

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

24.3467, 30.3476, 32.1782

Protanopia

28.8816, 30.2880, 29.5232

Deuteranopia

30.5825, 29.9351, 33.0203



Tritanopia

26.2925, 30.3860, 41.5251

Trichromacy



Original Color

24.3467, 30.3476, 32.1782

Protanomaly

26.9966, 30.2546, 30.4034

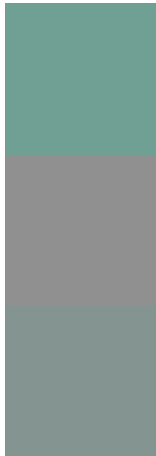
Deuteranomaly

27.6739, 29.5941, 32.6874

Tritanomaly

25.4724, 30.2968, 37.7630

Monochromacy



Original Color

24.3467, 30.3476, 32.1782

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.3740, 28.4448, 30.9411

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3467, 30.3476, 32.1782 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(112, 159, 147)` looks like.

```
.text, #text, p{  
    color:rgb(112, 159, 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(112, 159, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 159, 147) }
```

Border

The CSS property to change the border of an element to XYZ 24.3467, 30.3476, 32.1782 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(112, 159, 147) }
```


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

```
.border{ border-color:rgb(112, 159, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 159, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 159, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 159, 147);  
box-shadow:4px 4px 4px 4px rgb(112, 159,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3467, 30.3476, 32.1782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 159, 147) }
```

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

```
.background{ background-color: rgb(112,  
159, 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](#).

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