

Converting Colors

XYZ(24.4407, 30.1432, 31.8851)

Have a look what the booklet for
XYZ(24.4407, 30.1432, 31.8851)
contains.

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Color

**XYZ(24.3546, 30.1064,
31.7216)**

Conversions

Conversions Part 1

Format	Color
Hex	729E92
RGB	114, 158, 146
RGB Percent	45%, 62%, 57%
CMY	0.5529, 0.3804, 0.4274
CMYK	0.28, 0.00, 0.08, 0.38
HSL	164°, 18%, 53%
HSV	164°, 28%, 62%
XYZ	24.3546, 30.1064, 31.7216
YIQ	143.4760, -22.3720, -13.0600

Conversions

Conversions Part 2

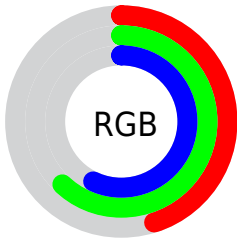
Format	Color
RYB	114, 139, 158
Decimal	7511698
CIELab	61.75, -17.53, 1.46
CIELCh	62, 17.594, 175.242
Yxy	30.1064, 0.2826, 0.3493
Android (android.graphics.Color)	4285701778 (0xFF729E92)
YUV	143.4760, 1.2443, -25.8505
Hunter-Lab	54.8693, -16.7912, 4.1312

Details

The XYZ color **24.3546, 30.1064, 31.7216** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.8848, 20.8109, 22.4980**, and the grayscale version is **26.3010, 27.6707, 30.1334**.

A 20% lighter version of the original color is **50.1559, 59.9741, 63.5762**, and **9.3797, 12.2426, 12.9350** is the 20% darker color. If you saturate the color by 10%, you get **22.1455, 29.0064, 29.9015**, and if you desaturate by 10%, it is **26.9331, 31.3970, 33.6263**.

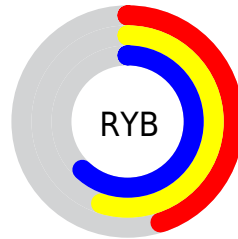
Distribution



Red (45%)

Green (62%)

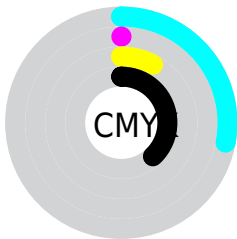
Blue (57%)



Red (45%)

Yellow (55%)

Blue (62%)

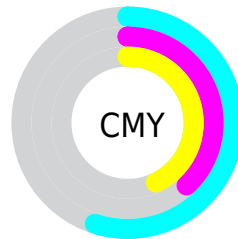


Cyan (28%)

Magenta (0%)

Yellow (8%)

Black (38%)



Cyan (55%)

Magenta (38%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3546, 30.1064, 31.7216 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 24.3546, 30.1064, 31.7216 by changing the saturation by 10% instead.

■ 24.3546, 30.1064,
31.7216

■ 24.3546, 30.1064,
31.7216

267.0157,
302.4001, 324.3026

■ 15.7230, 19.9194,
20.8859

■ 50.0587, 59.8304,
63.4672

■ 9.4180, 12.3364,
12.8502

■ 67.8620, 80.1362,
85.2142

■ 5.0741, 6.9732,
7.1960

■ 89.4532, 104.5836,
111.4354

■ 2.3260, 3.4454,
3.5046

115.1977,
133.5571, 142.5492

■ 0.8079, 1.3684,
1.3577

145.4608,
167.4412, 178.9744

■ 0.0000, 0.1933,
0.1084

180.6079,

■ 0.0000, 0.0000,

206.6201, 221.1293

0.0000

221.0044,
251.4782, 269.4325

■ 24.3546, 30.1064,
31.7216

■ 24.3546, 30.1064,
31.7216

■ 22.1455, 29.0064,
29.9015

■ 26.9331, 31.3970,
33.6263

■ 20.2848, 28.0837,
28.1623

■ 29.8955, 32.8832,
35.6150

■ 18.7535, 27.3294,
26.5031

■ 33.2586, 34.5745,
37.6898

■ 17.5292, 26.7320,
24.9220

■ 37.0375, 36.4787,
39.8522

■ 16.5873, 26.2788,
23.4172

■ 41.2466, 38.6030,
42.1035

■ 15.8987, 25.9547,
21.9866

■ 45.8993, 40.9546,
44.4449

■ 15.4126, 25.7337,
20.6269

■ 51.0086, 43.5400,
46.8778

■ 15.3165, 25.6904,
20.3427

■ 56.5871, 46.3657,
49.4033

■ 62.2020, 49.2086,
52.0019

Harmonies

Analogous

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



25.0698, 30.1064, 25.9587



24.3546, 30.1064, 31.7216



24.7290, 30.1064, 38.5990

Triad

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



24.3546, 30.1064, 31.7216



30.5806, 30.1064, 45.8972



31.2625, 30.1064, 23.2785

Complementary

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



24.3546, 30.1064, 31.7216



23.8848, 20.8109, 22.4980

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.



32.8886, 30.1064, 27.5787



24.3546, 30.1064, 31.7216



32.4801, 30.1064, 40.7042

Square

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



24.3546, 30.1064, 31.7216



28.2430, 30.1064, 47.4001



33.3459, 30.1064, 33.8632



28.9907, 30.1064, 21.5265

Rectangle

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



24.3546, 30.1064, 31.7216



25.5576, 30.1064, 42.8272



33.3459, 30.1064, 33.8632



31.9075, 30.1064, 24.4428

Sweetspot

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



24.3555, 30.1076, 31.7223



54.1114, 59.6247, 64.5605



23.9382, 30.1410, 20.4763



12.0150, 13.3498, 14.4356



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.



24.3555, 30.1076, 31.7223



41.8222, 53.4734, 55.6704



23.7752, 27.3736, 36.3796



6.7446, 7.4786, 8.0896



12.2835, 20.5813, 16.3818



0.2362, 0.3746, 0.3803

Inverse Universe

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



23.8848, 20.8109, 22.4980



40.8350, 33.9230, 36.2851



24.2881, 22.7835, 19.0377



6.7037, 6.6744, 7.2908



11.6585, 5.9680, 2.4526



0.2248, 0.1132, 0.1298

Previews

White Background



This preview shows how the XYZ color 24.3546, 30.1064, 31.7216 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 24.3546, 30.1064, 31.7216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

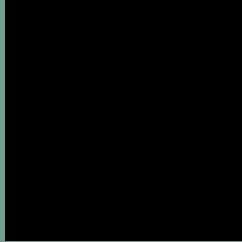
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 24.3546, 30.1064, 31.7216

Background



This preview shows how black text looks on a background with the XYZ color 24.3546, 30.1064, 31.7216.

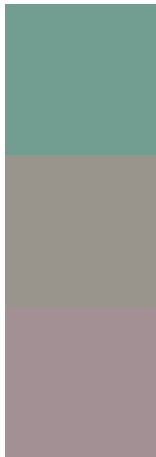


This preview shows how white text looks on a background with the XYZ color 24.3546, 30.1064,

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

24.3546, 30.1064, 31.7216

Protanopia

28.4604, 29.8456, 29.0717

Deuteranopia

30.5023, 29.9030, 32.5980



Tritanopia

26.3041, 30.1546, 40.9933

Trichromacy



Original Color

24.3546, 30.1064, 31.7216

Protanomaly

26.7582, 29.8984, 29.9519

Deuteranomaly

27.7698, 29.6528, 32.2769

Tritanomaly

25.4826, 30.0620, 37.2604

Monochromacy



Original Color

24.3546, 30.1064, 31.7216

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.1397, 28.0990, 30.4842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3546, 30.1064, 31.7216 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(114, 158, 146)` looks like.

```
.text, #text, p{  
    color:rgb(114, 158, 146)  
}
```

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(114, 158, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 158, 146) }
```

Border

The CSS property to change the border of an element to XYZ 24.3546, 30.1064, 31.7216 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(114, 158, 146) }
```


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

```
.border{ border-color:rgb(114, 158, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 158, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 158, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 158, 146);  
box-shadow:4px 4px 4px 4px rgb(114, 158,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3546, 30.1064, 31.7216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 158, 146) }
```

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

```
.background{ background-color: rgb(114,  
158, 146) }
```

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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