

Converting Colors

XYZ(24.7273, 30.2483, 26.3442)

Have a look what the booklet for
XYZ(24.7273, 30.2483, 26.3442)
contains.

XYZ(24.6793, 30.1399, 26.3466)	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(24.6793, 30.1399,
26.3466)**

Conversions

Conversions Part 1

Format	Color
Hex	7D9D84
RGB	125, 157, 132
RGB Percent	49%, 62%, 52%
CMY	0.5098, 0.3843, 0.4823
CMYK	0.20, 0.00, 0.16, 0.38
HSL	133°, 14%, 55%
HSV	133°, 20%, 62%
XYZ	24.6793, 30.1399, 26.3466
YIQ	144.5820, -11.0470, -14.5590

Conversions

Conversions Part 2

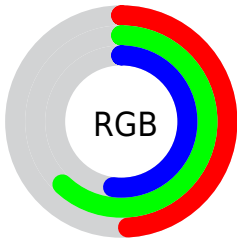
Format	Color
RYB	125, 151, 157
Decimal	8232324
CIELab	61.77, -16.25, 9.47
CIELCh	62, 18.808, 149.783
Yxy	30.1399, 0.3041, 0.3713
Android (android.graphics.Color)	4286422404 (0xFF7D9D84)
YUV	144.5820, -6.2029, -17.1734
Hunter-Lab	54.8998, -15.8330, 9.9764

Details

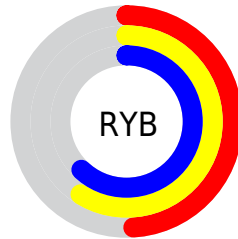
The XYZ color **24.6793, 30.1399, 26.3466** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.7444, 24.0381, 32.0859**, and the grayscale version is **26.7724, 28.1666, 30.6735**.

A 20% lighter version of the original color is **50.6605, 60.0547, 54.8206**, and **9.6170, 12.4285, 10.0757** is the 20% darker color. If you saturate the color by 10%, you get **21.7754, 28.7351, 22.0839**, and if you desaturate by 10%, it is **28.0459, 31.7735, 31.1475**.

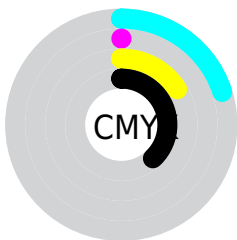
Distribution



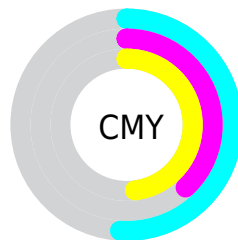
- Red (49%)
- Green (62%)
- Blue (52%)



- Red (49%)
- Yellow (59%)
- Blue (62%)



- Cyan (20%)
- Magenta (0%)
- Yellow (16%)
- Black (38%)



- Cyan (51%)
- Magenta (38%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6793, 30.1399, 26.3466 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 24.6793, 30.1399, 26.3466 by changing the saturation by 10% instead.

■ 24.6793, 30.1399,
26.3466

■ 24.6793, 30.1399,
26.3466

268.6142,
302.5560, 298.1388

■ 15.9657, 19.9448,
16.8550

■ 50.5831, 59.8834,
54.8245

■ 9.5906, 12.3549,
9.9703

■ 68.5041, 80.2005,
74.6479

■ 5.1885, 6.9859,
5.2739

■ 90.2249, 104.6604,
98.7523

■ 2.3942, 3.4533,
2.3473

116.1110,
133.6476, 127.5563

■ 0.8422, 1.3727,
0.7576

146.5275,
167.5463, 161.4785

■ 0.0000, 0.1965,
0.0000

181.8401,

■ 0.0000, 0.0000,

206.7410, 200.9372

0.0000

222.4138,
251.6161, 246.3512

■ 24.6793, 30.1399,
26.3466

■ 24.6793, 30.1399,
26.3466

■ 21.7754, 28.7351,
22.0839

■ 28.0459, 31.7735,
31.1475

■ 19.3114, 27.5452,
18.3386

■ 31.8918, 33.6416,
36.5024

■ 17.2661, 26.5605,
15.0915

■ 36.2359, 35.7544,
42.4290

■ 15.6156, 25.7693,
12.3217

■ 41.0952, 38.1203,
48.9434

■ 14.3337, 25.1584,
10.0065

■ 46.4861, 40.7475,
56.0613

■ 13.3907, 24.7130,
8.1215

■ 52.4240, 43.6435,
63.7978

■ 12.7521, 24.4159,
6.6397

■ 58.9238, 46.8157,
72.1672

■ 12.3513, 24.2326,
5.5658

■ 65.9999, 50.2714,
81.1836

■ 69.3842, 51.8098,
90.6602

Harmonies

Analogous

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



26.3182, 30.1399, 22.2321



24.6793, 30.1399, 26.3466



24.0909, 30.1399, 32.7650

Triad

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



24.6793, 30.1399, 26.3466



28.6288, 30.1399, 48.6533



33.0389, 30.1399, 26.4249

Complementary

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



24.6793, 30.1399, 26.3466



26.7444, 24.0381, 32.0859

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.



33.7442, 30.1399, 32.8696



24.6793, 30.1399, 26.3466



31.1094, 30.1399, 46.3202

Square

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



24.6793, 30.1399, 26.3466



26.2883, 30.1399, 46.2545



33.0188, 30.1399, 40.2690



31.1429, 30.1399, 22.2725

Rectangle

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



24.6793, 30.1399, 26.3466



24.3453, 30.1399, 37.7163



33.0188, 30.1399, 40.2690



33.4279, 30.1399, 28.3619

Sweetspot

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



24.6801, 30.1412, 26.3473



53.0572, 58.2756, 59.7487



28.3498, 32.0865, 24.1015



11.5870, 12.7805, 13.0246



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



24.6801, 30.1412, 26.3473



41.9781, 52.9022, 43.9546



25.8554, 30.6113, 32.5363



6.6072, 7.4236, 7.3661



10.0429, 19.6851, 4.5829



0.1934, 0.3575, 0.1549

Inverse Universe

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



26.7444, 24.0381, 32.0859



46.2880, 40.1566, 55.9336



25.5469, 23.5591, 25.7802



6.8420, 6.7297, 8.0191



14.1935, 6.9820, 15.8020



0.2680, 0.1305, 0.3574

Previews

White Background



This preview shows how the XYZ color 24.6793, 30.1399, 26.3466 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 24.6793, 30.1399, 26.3466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

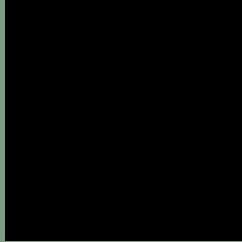
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 24.6793, 30.1399, 26.3466

Background



This preview shows how black text looks on a background with the XYZ color 24.6793, 30.1399, 26.3466.



This preview shows how white text looks on a background with the XYZ color 24.6793, 30.1399,

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

24.6793, 30.1399, 26.3466

Protanopia

28.1965, 29.8062, 24.6891

Deuteranopia

30.4949, 30.0206, 27.1090



Tritanopia

27.3798, 29.9984, 39.9445

Trichromacy



Original Color

24.6793, 30.1399, 26.3466

Protanomaly

26.7061, 29.7379, 25.1013

Deuteranomaly

27.9994, 29.8915, 26.8482

Tritanomaly

26.3586, 30.0782, 34.5534

Monochromacy



Original Color

24.6793, 30.1399, 26.3466

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

25.9623, 28.7916, 28.9999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6793, 30.1399, 26.3466 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(125, 157, 132)` looks like.

```
.text, #text, p{  
    color:rgb(125, 157, 132)  
}
```

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(125, 157, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 157, 132) }
```

Border

The CSS property to change the border of an element to XYZ 24.6793, 30.1399, 26.3466 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(125, 157, 132) }
```


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

```
.border{ border-color:rgb(125, 157, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 157, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 157, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 157, 132);  
box-shadow:4px 4px 4px 4px rgb(125, 157,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6793, 30.1399, 26.3466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 157, 132) }
```

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

```
.background{ background-color: rgb(125,  
157, 132) }
```

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