

Converting Colors

XYZ(26.3052, 36.4943, 24.0700)

Have a look what the booklet for
XYZ(26.3052, 36.4943, 24.0700)
contains.

XYZ(26.3052, 36.4943, 24.0700)	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(26.3052, 36.4943,
24.0700)**

Conversions

Conversions Part 1

Format	Color
Hex	73B17A
RGB	115, 177, 122
RGB Percent	45%, 69%, 48%
CMY	0.5490, 0.3059, 0.5216
CMYK	0.35, 0.00, 0.31, 0.31
HSL	127°, 28%, 57%
HSV	127°, 35%, 69%
XYZ	26.3052, 36.4943, 24.0700
YIQ	152.1920, -19.2970, -30.2490

Conversions

Conversions Part 2

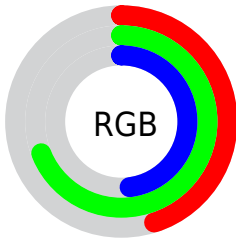
Format	Color
RYB	115, 171, 177
Decimal	7582074
CIELab	66.90, -31.47, 21.99
CIELCh	67, 38.394, 145.051
Yxy	36.4943, 0.3028, 0.4201
Android (android.graphics.Color)	4285772154 (0xFF73B17A)
YUV	152.1920, -14.8847, -32.6174
Hunter-Lab	60.4105, -27.9922, 18.6638

Details

The XYZ color **26.3052, 36.4943, 24.0700** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **31.5191, 24.5115, 41.1015**, and the grayscale version is **29.9970, 31.5591, 34.3679**.

A 20% lighter version of the original color is **53.2390, 69.8080, 51.2257**, and **10.4601, 15.9531, 8.8313** is the 20% darker color. If you saturate the color by 10%, you get **23.3018, 35.0505, 19.2549**, and if you desaturate by 10%, it is **29.9146, 38.2344, 29.7356**.

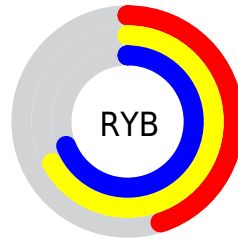
Distribution



Red (45%)

Green (69%)

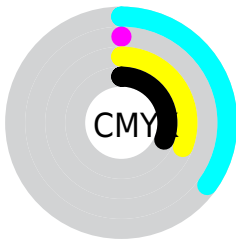
Blue (48%)



Red (45%)

Yellow (67%)

Blue (69%)

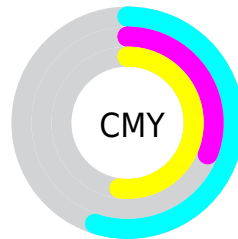


Cyan (35%)

Magenta (0%)

Yellow (31%)

Black (31%)



Cyan (55%)

Magenta (31%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3052, 36.4943, 24.0700 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 26.3052, 36.4943, 24.0700 by changing the saturation by 10% instead.

■ 26.3052, 36.4943,
24.0700

■ 26.3052, 36.4943,
24.0700

276.5064,
331.1159, 286.4721

■ 17.1860, 24.8162,
15.1729

■ 53.1947, 69.7943,
51.0897

■ 10.4633, 15.9402,
8.7928

■ 71.6957, 92.1850,
70.0493

■ 5.7718, 9.4818,
4.5113

■ 94.0546, 118.9154,
93.2002

■ 2.7462, 5.0568,
1.9098

120.6369,
150.3698, 120.9608

■ 1.0210, 2.2806,
0.4990

151.8079,
186.9327, 153.7498

■ 0.0000, 0.7634,
0.0000

187.9329,

■ 0.0000, 0.0000,

228.9884, 191.9857

0.0000

229.3773,
276.9213, 236.0869

■ 26.3052, 36.4943,
24.0700

■ 26.3052, 36.4943,
24.0700

■ 23.3018, 35.0505,
19.2549

■ 29.9146, 38.2344,
29.7356

■ 20.8685, 33.8823,
15.2469

■ 34.1578, 40.2813,
36.2875

■ 18.9696, 32.9732,
12.0027


■ 39.0645, 42.6504,
43.7622


■ 17.5646, 32.3035,
9.4736


■ 44.6613, 45.3548,
52.1935


■ 16.6069, 31.8501,
7.6056


■ 50.9736, 48.4070,
61.6137


 16.0401, 31.5854,
6.3367

 58.0256, 51.8186,
72.0533

 15.8490, 31.4962,
5.9052

 65.8401, 55.6010,
83.5417

 73.8466, 59.4592,
96.0792

 75.0129, 59.9258,
102.2210

Harmonies

Analogous

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



30.1643, 36.4943, 17.2129



26.3052, 36.4943, 24.0700



24.6969, 36.4943, 37.0371

Triad

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



26.3052, 36.4943, 24.0700



33.7311, 36.4943, 80.9396



45.8344, 36.4943, 27.6606

Complementary

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



26.3052, 36.4943, 24.0700



31.5191, 24.5115, 41.1015

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.



47.0616, 36.4943, 42.5631



26.3052, 36.4943, 24.0700



39.6400, 36.4943, 76.3793

Square

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



26.3052, 36.4943, 24.0700



28.6677, 36.4943, 72.1877



44.6827, 36.4943, 61.0479



41.4943, 36.4943, 18.8433

Rectangle

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



26.3052, 36.4943, 24.0700



24.9706, 36.4943, 48.6454



44.6827, 36.4943, 61.0479



46.6438, 36.4943, 31.9869

Sweetspot

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



26.3061, 36.4958, 24.0708



64.4051, 73.6993, 69.9300



35.5692, 41.3195, 22.3206



13.7137, 15.8541, 14.7825



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



26.3061, 36.4958, 24.0708



42.8817, 63.3247, 36.3459



28.4773, 37.3643, 35.5039



8.4267, 9.5052, 9.2407



11.4946, 22.8238, 4.3413



0.3742, 0.7231, 0.2025

Inverse Universe

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



31.5191, 24.5115, 41.1015



53.6112, 38.6399, 71.3858



28.9821, 23.4968, 27.7422



8.8079, 8.6299, 10.4867



17.5612, 8.5420, 23.9130



0.5642, 0.2734, 0.8139

Previews

White Background



This preview shows how the XYZ color 26.3052, 36.4943, 24.0700 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 26.3052, 36.4943, 24.0700 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 26.3052, 36.4943, 24.0700

Background



This preview shows how black text looks on a background with the XYZ color 26.3052, 36.4943, 24.0700.



This preview shows how white text looks on a background with the XYZ color 26.3052, 36.4943,

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

26.3052, 36.4943, 24.0700

Protanopia

33.6940, 36.1924, 21.4296

Deuteranopia

36.9544, 36.2564, 25.1291



Tritanopia

31.4876, 36.3069, 50.1481

Trichromacy



Original Color

26.3052, 36.4943, 24.0700

Protanomaly

30.2256, 35.7177, 22.4407

Deuteranomaly

32.0814, 35.8181, 24.6248

Tritanomaly

29.3539, 36.2892, 39.1756

Monochromacy



Original Color

26.3052, 36.4943, 24.0700

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

28.2000, 32.9018, 30.0637

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3052, 36.4943, 24.0700 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(115, 177, 122)` looks like.

```
.text, #text, p{  
    color:rgb(115, 177, 122)  
}
```

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(115, 177, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 177, 122) }
```

Border

The CSS property to change the border of an element to XYZ 26.3052, 36.4943, 24.0700 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(115, 177, 122) }
```


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

```
.border{ border-color:rgb(115, 177, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 177, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 177, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 177, 122);  
box-shadow:4px 4px 4px 4px rgb(115, 177,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3052, 36.4943, 24.0700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 177, 122) }
```

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

```
.background{ background-color: rgb(115,  
177, 122) }
```

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