

Converting Colors

XYZ(23.5489, 26.0702, 34.7753)

Have a look what the booklet for
XYZ(23.5489, 26.0702, 34.7753)
contains.

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Color

**XYZ(23.4846, 26.0045,
34.7920)**

Conversions

Conversions Part 1

Format	Color
Hex	788F9B
RGB	120, 143, 155
RGB Percent	47%, 56%, 61%
CMY	0.5294, 0.4392, 0.3922
CMYK	0.23, 0.08, 0.00, 0.39
HSL	201°, 15%, 54%
HSV	201°, 23%, 61%
XYZ	23.4846, 26.0045, 34.7920
YIQ	137.4910, -17.5600, -1.1440

Conversions

Conversions Part 2

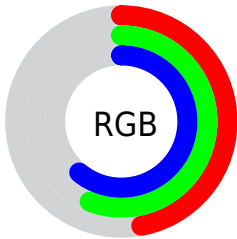
Format	Color
R_{YB}	120, 134, 155
Decimal	7901083
CIE _{Lab}	58.04, -5.39, -9.07
CIE _{LCh}	58, 10.556, 239.278
Yxy	26.0045, 0.2786, 0.3085
Android (android.graphics.Color)	4286091163 (0xFF788F9B)
YUV	137.4910, 8.6319, -15.3396
Hunter-Lab	50.9946, -7.0358, -4.7555

Details

The XYZ color **23.4846, 26.0045, 34.7920** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.1594, 24.8274, 21.2361**, and the grayscale version is **23.9375, 25.1841, 27.4254**.

A 20% lighter version of the original color is **48.7085, 53.4202, 68.0655**, and **9.0116, 10.1678, 14.5843** is the 20% darker color. If you saturate the color by 10%, you get **20.7278, 23.4276, 34.4403**, and if you desaturate by 10%, it is **26.6288, 28.8385, 35.1737**.

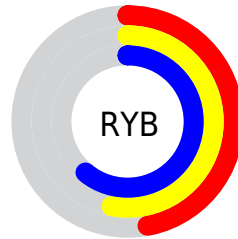
Distribution



Red (47%)

Green (56%)

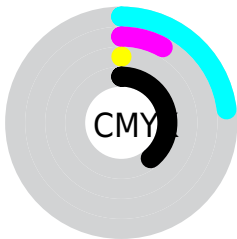
Blue (61%)



Red (47%)

Yellow (53%)

Blue (61%)

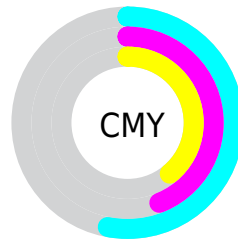


Cyan (23%)

Magenta (8%)

Yellow (0%)

Black (39%)



Cyan (53%)

Magenta (44%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4846, 26.0045, 34.7920 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 23.4846, 26.0045, 34.7920 by changing the saturation by 10% instead.

■ 23.4846, 26.0045,
34.7920

■ 23.4846, 26.0045,
34.7920

262.6934,
282.8042, 338.5256

■ 15.0744, 16.8270,
23.2204

■ 48.6486, 53.2822,
68.3113

■ 8.9583, 10.1112,
14.5495

■ 66.1332, 72.1512,
91.0962

■ 4.7709, 5.4728,
8.3608

■ 87.3733, 95.0195,
118.4558

■ 2.1468, 2.5272,
4.2356

112.7342,
122.2715, 150.8089

■ 0.7145, 0.8902,
1.7555

142.5813,
154.2915, 188.5738

■ 0.0000, 0.0000,
0.3983

177.2800,

■ 0.0000, 0.0000,

191.4641, 232.1692

0.0000

217.1956,
234.1735, 282.0137

■ 23.4846, 26.0045,
34.7920

■ 23.4846, 26.0045,
34.7920

■ 20.7278, 23.4276,
34.4403

■ 26.6288, 28.8385,
35.1737

■ 18.3387, 21.0950,
34.1160

■ 30.1741, 31.9355,
35.5846

■ 16.2996, 18.9974,
33.8186

■ 34.1364, 35.3050,
36.0262

■ 14.5901, 17.1234,
33.5470

■ 38.5301, 38.9553,
36.4992

■ 13.1875, 15.4606,
33.3000

■ 43.3688, 42.8939,
37.0044

■ 12.0661, 13.9948,
33.0761

■ 48.6655, 47.1284,
37.5426

■ 11.1953, 12.7094,
32.8739

■ 54.4326, 51.6659,
38.1144

■ 10.6545, 11.8425,
32.7351

■ 60.6822, 56.5131,
38.7206

■ 65.7495, 60.8126,
39.2835

Harmonies

Analogous

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



22.6384, 26.0045, 31.8903



23.4846, 26.0045, 34.7920



24.6856, 26.0045, 35.9345

Triad

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



23.4846, 26.0045, 34.7920



27.2509, 26.0045, 28.4031



23.5364, 26.0045, 22.6191

Complementary

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



23.4846, 26.0045, 34.7920



25.1594, 24.8274, 21.2361

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.



24.7474, 26.0045, 21.8558



23.4846, 26.0045, 34.7920



26.9181, 26.0045, 25.0165

Square

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



23.4846, 26.0045, 34.7920



26.8854, 26.0045, 32.0566



25.9907, 26.0045, 22.6954



22.6675, 26.0045, 24.8756

Rectangle

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



23.4846, 26.0045, 34.7920



25.5351, 26.0045, 35.4755



25.9907, 26.0045, 22.6954



23.9156, 26.0045, 22.1884

Sweetspot

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



23.4854, 26.0056, 34.7926



51.0536, 54.6053, 63.3853



23.6097, 29.0932, 26.0822



11.4790, 12.2927, 14.3381



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.



23.4854, 26.0056, 34.7926



39.5317, 44.2327, 61.9905



21.1023, 21.2394, 33.9982



6.2062, 6.6697, 7.8893



8.5939, 9.5845, 26.3048



0.1620, 0.2103, 0.4044

Inverse Universe

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



25.1926, 22.3854, 28.9807



43.1782, 36.7763, 49.5154



27.6821, 29.8729, 22.0770



6.3712, 6.2876, 7.3348



12.7966, 6.3729, 10.7197



0.2082, 0.1020, 0.2493

Previews

White Background



This preview shows how the XYZ color 23.4846, 26.0045, 34.7920 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 23.4846, 26.0045, 34.7920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

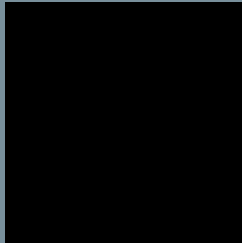
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

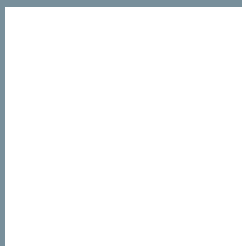
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.4846, 26.0045, 34.7920

Background



This preview shows how black text looks on a background with the XYZ color 23.4846, 26.0045, 34.7920.



This preview shows how white text looks on a background with the XYZ color 23.4846, 26.0045,

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

23.4846, 26.0045, 34.7920

Protanopia

25.2372, 25.8472, 33.3646

Deuteranopia

26.5670, 26.0624, 35.5286



Tritanopia

23.4846, 26.0045, 34.7920

Trichromacy



Original Color

23.4846, 26.0045, 34.7920

Protanomaly

24.4879, 25.8814, 33.8419

Deuteranomaly

25.3867, 26.0998, 35.1522

Tritanomaly

23.4846, 26.0045, 34.7920

Monochromacy



Original Color

23.4846, 26.0045, 34.7920

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.6267, 25.3041, 30.0245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4846, 26.0045, 34.7920 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(120, 143, 155)` looks like.

```
.text, #text, p{  
    color:rgb(120, 143, 155)  
}
```

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(120, 143, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 143, 155) }
```

Border

The CSS property to change the border of an element to XYZ 23.4846, 26.0045, 34.7920 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(120, 143, 155) }
```


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

```
.border{ border-color:rgb(120, 143, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 143, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 143, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 143, 155);  
box-shadow:4px 4px 4px 4px rgb(120, 143,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4846, 26.0045, 34.7920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 143, 155) }
```

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

```
.background{ background-color: rgb(120,  
143, 155) }
```

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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