

Converting Colors

XYZ(23.5962, 26.4588, 32.1793)

Have a look what the booklet for
XYZ(23.5962, 26.4588, 32.1793)
contains.

XYZ(23.7186, 26.6317, 32.3241)	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(23.7186, 26.6317,
32.3241)**

Conversions

Conversions Part 1

Format	Color
Hex	7B9195
RGB	123, 145, 149
RGB Percent	48%, 57%, 58%
CMY	0.5176, 0.4314, 0.4157
CMYK	0.17, 0.03, 0.00, 0.42
HSL	189°, 11%, 53%
HSV	189°, 17%, 58%
XYZ	23.7186, 26.6317, 32.3241
YIQ	138.8780, -14.3960, -3.4200

Conversions

Conversions Part 2

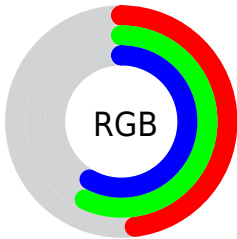
Format	Color
R_{YB}	123, 135, 149
Decimal	8098197
CIE _{Lab}	58.63, -6.90, -4.74
CIE _{LCh}	59, 8.373, 214.510
Yxy	26.6317, 0.2869, 0.3221
Android (android.graphics.Color)	4286288277 (0xFF7B9195)
YUV	138.8780, 4.9901, -13.9250
Hunter-Lab	51.6059, -8.2699, -1.0130

Details

The XYZ color **23.7186, 26.6317, 32.3241** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.5591, 22.9983, 21.9368**, and the grayscale version is **24.4797, 25.7545, 28.0467**.

A 20% lighter version of the original color is **49.1074, 54.3888, 64.4098**, and **9.1209, 10.5221, 13.1055** is the 20% darker color. If you saturate the color by 10%, you get **21.4009, 24.9230, 32.1169**, and if you desaturate by 10%, it is **26.3694, 28.5239, 32.5501**.

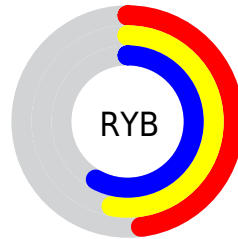
Distribution



Red (48%)

Green (57%)

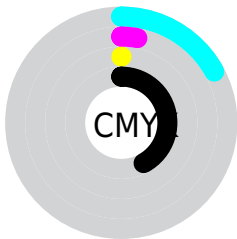
Blue (58%)



Red (48%)

Yellow (53%)

Blue (58%)

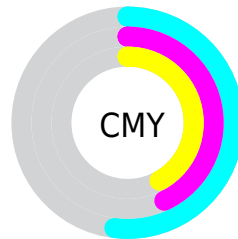


Cyan (17%)

Magenta (3%)

Yellow (0%)

Black (42%)



Cyan (52%)

Magenta (43%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.7186, 26.6317, 32.3241 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 23.7186, 26.6317, 32.3241 by changing the saturation by 10% instead.

■ 23.7186, 26.6317,
32.3241

■ 23.7186, 26.6317,
32.3241

263.8617,
285.8694, 327.1311

■ 15.2486, 17.2968,
21.3423

■ 49.0286, 54.2923,
64.4226

■ 9.0815, 10.4463,
13.1808

■ 66.5994, 73.3868,
86.3764

■ 4.8519, 5.6959,
7.4210

■ 87.9344, 96.5033,
112.8247

■ 2.1945, 2.6611,
3.6443

113.3992,
124.0262, 144.1859

■ 0.7398, 0.9575,
1.4323

143.3589,
156.3398, 180.8786

■ 0.0000, 0.0000,
0.1667

178.1790,

■ 0.0000, 0.0000,

193.8287, 223.3213

0.0000

218.2248,
236.8771, 271.9327

■ 23.7186, 26.6317,
32.3241

■ 23.7186, 26.6317,
32.3241

■ 21.4009, 24.9230,
32.1169

■ 26.3694, 28.5239,
32.5501

■ 19.3992, 23.3871,
31.9259

■ 29.3647, 30.6036,
32.7936

■ 17.6986, 22.0167,
31.7510

■ 32.7181, 32.8785,
33.0560

■ 16.2820, 20.8029,
31.5914

■ 36.4421, 35.3551,
33.3377

■ 15.1303, 19.7360,
31.4462

■ 40.5481, 38.0394,
33.6394

■ 14.2223, 18.8049,
31.3143

■ 45.0475, 40.9372,
33.9616

■ 13.5333, 17.9968,
31.1946

■ 49.9509, 44.0541,
34.3048

■ 13.0198, 17.2892,
31.0851

■ 55.2686, 47.3955,
34.6695

■ 12.8972, 17.1147,
31.0579

■ 60.2327, 50.5656,
35.0197

Harmonies

Analogous

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



23.3929, 26.6317, 29.4448



23.7186, 26.6317, 32.3241



24.4715, 26.6317, 34.4130

Triad

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



23.7186, 26.6317, 32.3241



27.1390, 26.6317, 31.5023



25.1575, 26.6317, 23.7124

Complementary

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



23.7186, 26.6317, 32.3241



23.5591, 22.9983, 21.9368

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.



26.1728, 26.6317, 24.1820



23.7186, 26.6317, 32.3241



27.3346, 26.6317, 28.5546

Square

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



23.7186, 26.6317, 32.3241



26.4490, 26.6317, 33.9165



26.9765, 26.6317, 25.9071



24.2093, 26.6317, 24.5785

Rectangle

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



23.7186, 26.6317, 32.3241



25.1240, 26.6317, 35.0049



26.9765, 26.6317, 25.9071



25.5022, 26.6317, 23.7198

Sweetspot

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



23.7194, 26.6328, 32.3247



48.4265, 51.9256, 58.3915



22.7405, 27.2360, 24.1035



10.6593, 11.4566, 12.9344



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



23.7194, 26.6328, 32.3247



40.7568, 46.4394, 57.7368



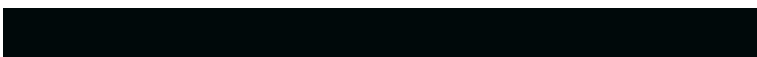
21.8585, 22.9110, 31.7044



5.8890, 6.4119, 7.3970



10.8720, 14.4388, 26.1450



0.1496, 0.2097, 0.3255

Inverse Universe

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



24.5888, 22.6004, 29.8557



42.6326, 37.8699, 52.3812



25.3335, 26.5471, 22.5283



5.9974, 5.8940, 7.0924



13.6148, 6.6510, 17.2502



0.1750, 0.0847, 0.2550

Previews

White Background



This preview shows how the XYZ color 23.7186, 26.6317, 32.3241 looks on a white background.

Color Contrast Check

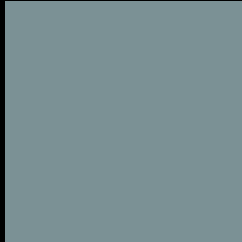
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.7186, 26.6317, 32.3241 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 23.7186, 26.6317, 32.3241

Background



This preview shows how black text looks on a background with the XYZ color 23.7186, 26.6317, 32.3241.



This preview shows how white text looks on a background with the XYZ color 23.7186, 26.6317,

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

23.7186, 26.6317, 32.3241

Protanopia

25.7217, 26.5823, 30.9693

Deuteranopia

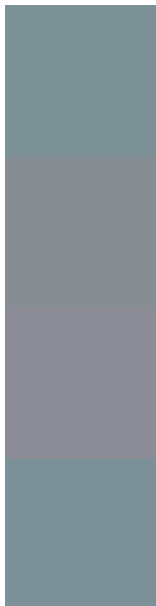
27.1093, 26.6097, 32.9855



Tritanopia

24.2018, 26.5982, 34.8687

Trichromacy



Original Color

23.7186, 26.6317, 32.3241

Protanomaly

24.9311, 26.6035, 31.4247

Deuteranomaly

25.6983, 26.5336, 32.6212

Tritanomaly

24.0352, 26.5315, 33.9913

Monochromacy



Original Color

23.7186, 26.6317, 32.3241

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.1557, 26.0195, 29.7357

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7186, 26.6317, 32.3241 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(123, 145, 149)` looks like.

```
.text, #text, p{  
    color:rgb(123, 145, 149)  
}
```

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(123, 145, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 145, 149) }
```

Border

The CSS property to change the border of an element to XYZ 23.7186, 26.6317, 32.3241 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(123, 145, 149) }
```


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

```
.border{ border-color:rgb(123, 145, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 145, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 145, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 145, 149);  
box-shadow:4px 4px 4px 4px rgb(123, 145,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7186, 26.6317, 32.3241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 145, 149) }
```

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

```
.background{ background-color: rgb(123,  
145, 149) }
```

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