

Converting Colors

XYZ(23.4199, 26.4010, 32.9061)

Have a look what the booklet for
XYZ(23.4199, 26.4010, 32.9061)
contains.

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Color

**XYZ(23.3761, 26.4459,
32.7267)**

Conversions

Conversions Part 1

Format	Color
Hex	789196
RGB	120, 145, 150
RGB Percent	47%, 57%, 59%
CMY	0.5294, 0.4314, 0.4118
CMYK	0.20, 0.03, 0.00, 0.41
HSL	190°, 13%, 53%
HSV	190°, 20%, 59%
XYZ	23.3761, 26.4459, 32.7267
YIQ	138.0950, -16.5050, -3.7450

Conversions

Conversions Part 2

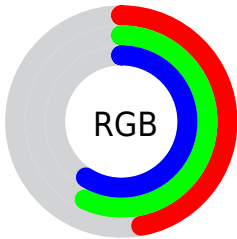
Format	Color
R_{YB}	120, 134, 150
Decimal	7901590
CIE _{Lab}	58.46, -7.67, -5.60
CIE _{LCh}	58, 9.496, 216.103
Yxy	26.4459, 0.2832, 0.3204
Android (android.graphics.Color)	4286091670 (0xFF789196)
YUV	138.0950, 5.8692, -15.8693
Hunter-Lab	51.4256, -8.8555, -1.7336

Details

The XYZ color **23.3761, 26.4459, 32.7267** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.3016, 22.5072, 20.8858**, and the grayscale version is **24.1771, 25.4362, 27.7000**.

A 20% lighter version of the original color is **48.5561, 54.0907, 65.0081**, and **8.9429, 10.4249, 13.3452** is the 20% darker color. If you saturate the color by 10%, you get **21.0791, 24.7018, 32.5115**, and if you desaturate by 10%, it is **26.0089, 28.3770, 32.9611**.

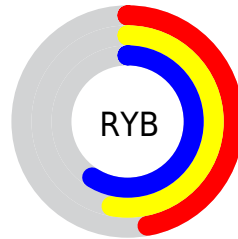
Distribution



Red (47%)

Green (57%)

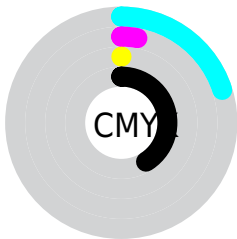
Blue (59%)



Red (47%)

Yellow (53%)

Blue (59%)

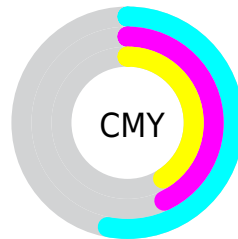


Cyan (20%)

Magenta (3%)

Yellow (0%)

Black (41%)



Cyan (53%)

Magenta (43%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3761, 26.4459, 32.7267 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 23.3761, 26.4459, 32.7267 by changing the saturation by 10% instead.

■ 23.3761, 26.4459,
32.7267

■ 23.3761, 26.4459,
32.7267

262.1503,
284.9642, 329.0106

■ 14.9937, 17.1575,
21.6478

■ 48.4723, 53.9934,
65.0597

■ 8.9012, 10.3469,
13.4025

■ 65.9167, 73.0214,
87.1508

■ 4.7334, 5.6295,
7.5723

■ 87.1126, 96.0646,
113.7498

■ 2.1248, 2.6212,
3.7387

112.4252,
123.5075, 145.2751

■ 0.7027, 0.9373,
1.4831

142.2199,
155.7346, 182.1453

■ 0.0000, 0.0000,
0.2053

176.8621,

■ 0.0000, 0.0000,

193.1301, 224.7789

0.0000

216.7171,
236.0785, 273.5945

■ 23.3761, 26.4459,
32.7267

■ 23.3761, 26.4459,
32.7267

■ 21.0791, 24.7018,
32.5115

■ 26.0089, 28.3770,
32.9611

■ 19.1005, 23.1335,
32.3131

■ 28.9895, 30.4992,
33.2136

■ 17.4247, 21.7336,
32.1312

■ 32.3320, 32.8206,
33.4855

■ 16.0337, 20.4928,
31.9651

■ 36.0490, 35.3478,
33.7774

■ 14.9077, 19.4008,
31.8136

■ 40.1526, 38.0871,
34.0899

■ 14.0245, 18.4459,
31.6759

■ 44.6542, 41.0444,
34.4234

■ 13.3576, 17.6147,
31.5506

■ 49.5648, 44.2255,
34.7786

■ 12.8402, 16.8723,
31.4345

■ 54.8951, 47.6359,
35.1560

■ 12.8402, 16.8723,
31.4345

■ 60.6544, 51.2806,
35.5559

Harmonies

Analogous

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



22.9822, 26.4459, 29.4798



23.3761, 26.4459, 32.7267



24.2430, 26.4459, 35.0412

Triad

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



23.3761, 26.4459, 32.7267



27.2316, 26.4459, 31.4619



24.8996, 26.4459, 22.8973

Complementary

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



23.3761, 26.4459, 32.7267



23.3016, 22.5072, 20.8858

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.



26.0507, 26.4459, 23.3392



23.3761, 26.4459, 32.7267



27.4205, 26.4459, 28.1211

Square

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



23.3761, 26.4459, 32.7267



26.4738, 26.4459, 34.2725



26.9822, 26.4459, 25.1917



23.8441, 26.4459, 23.9347

Rectangle

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



23.3761, 26.4459, 32.7267



24.9847, 26.4459, 35.6522



26.9822, 26.4459, 25.1917



25.2880, 26.4459, 22.8789

Sweetspot

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



23.3769, 26.4470, 32.7273



47.8667, 51.4912, 58.3372



22.3223, 27.2741, 23.3233



10.5428, 11.3646, 12.9227



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.



23.3769, 26.4470, 32.7273



39.3692, 45.2553, 57.5814



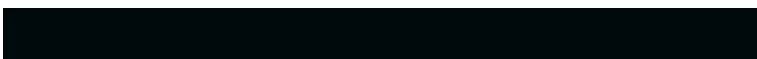
21.3004, 22.2941, 32.0351



5.8828, 6.3995, 7.3949



10.6692, 14.0331, 26.0774



0.1482, 0.2069, 0.3250

Inverse Universe

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



24.4056, 21.9618, 29.7421



41.5438, 35.9474, 51.2320



25.2734, 26.4509, 21.5431



5.9943, 5.8928, 7.0759



13.5124, 6.6100, 16.7111



0.1743, 0.0844, 0.2512

Previews

White Background



This preview shows how the XYZ color 23.3761, 26.4459, 32.7267 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 23.3761, 26.4459, 32.7267 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

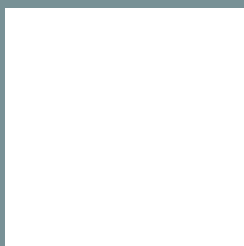
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.3761, 26.4459, 32.7267

Background



This preview shows how black text looks on a background with the XYZ color 23.3761, 26.4459, 32.7267.



This preview shows how white text looks on a background with the XYZ color 23.3761, 26.4459,

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

23.3761, 26.4459, 32.7267

Protanopia

25.4836, 26.2345, 31.3244

Deuteranopia

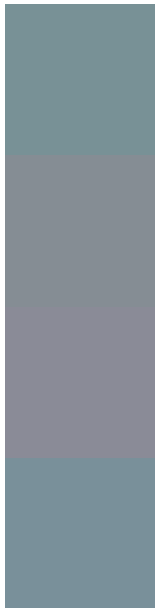
26.8661, 26.2649, 33.3594



Tritanopia

23.8592, 26.4118, 35.2930

Trichromacy



Original Color

23.3761, 26.4459, 32.7267

Protanomaly

24.5430, 26.1744, 31.7756

Deuteranomaly

25.2998, 26.1029, 32.9831

Tritanomaly

23.6912, 26.3446, 34.4082

Monochromacy



Original Color

23.3761, 26.4459, 32.7267

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.7674, 25.8280, 29.3238

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3761, 26.4459, 32.7267 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, 145, 150)` looks like.

```
.text, #text, p{  
    color:rgb(120, 145, 150)  
}
```

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, 145, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 145, 150) }
```

Border

The CSS property to change the border of an element to XYZ 23.3761, 26.4459, 32.7267 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, 145, 150) }
```


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

```
.border{ border-color:rgb(120, 145, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 145, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 145, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 145, 150);  
box-shadow:4px 4px 4px 4px rgb(120, 145,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3761, 26.4459, 32.7267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 145, 150) }
```

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

```
.background{ background-color: rgb(120,  
145, 150) }
```

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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