

Converting Colors

XYZ(32.1979, 32.3383, 52.5186)

Have a look what the booklet for
XYZ(32.1979, 32.3383, 52.5186)
contains.

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Color

**XYZ(32.2536, 32.4763,
52.7127)**

Conversions

Conversions Part 1

Format	Color
Hex	9199BD
RGB	145, 153, 189
RGB Percent	57%, 60%, 74%
CMY	0.4314, 0.4000, 0.2588
CMYK	0.23, 0.19, 0.00, 0.26
HSL	229°, 25%, 65%
HSV	229°, 23%, 74%
XYZ	32.2536, 32.4763, 52.7127
YIQ	154.7120, -16.3240, 9.5000

Conversions

Conversions Part 2

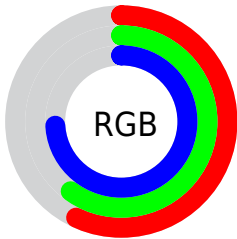
Format	Color
R_{YB}	145, 152, 189
Decimal	9542077
CIE _{Lab}	63.73, 5.07, -19.57
CIE _{LCh}	64, 20.214, 284.521
Yxy	32.4763, 0.2746, 0.2765
Android (android.graphics.Color)	4287732157 (0xFF9199BD)
YUV	154.7120, 16.9040, -8.5174
Hunter-Lab	56.9880, 1.2970, -14.9504

Details

The XYZ color **32.2536, 32.4763, 52.7127** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **42.6214, 45.9112, 33.4044**, and the grayscale version is **30.9622, 32.5746, 35.4738**.

A 20% lighter version of the original color is **62.3474, 63.3603, 95.3299**, and **13.8114, 13.6600, 25.2013** is the 20% darker color. If you saturate the color by 10%, you get **26.8273, 26.1628, 51.7806**, and if you desaturate by 10%, it is **38.5640, 39.7341, 53.7815**.

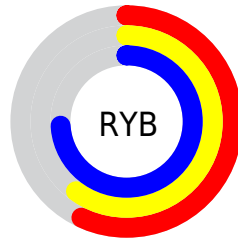
Distribution



Red (57%)

Green (60%)

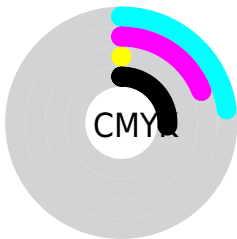
Blue (74%)



Red (57%)

Yellow (60%)

Blue (74%)

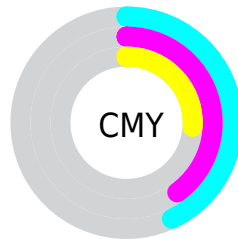


Cyan (23%)

Magenta (19%)

Yellow (0%)

Black (26%)



Cyan (43%)

Magenta (40%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.2536, 32.4763, 52.7127 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 32.2536, 32.4763, 52.7127 by changing the saturation by 10% instead.

■ 32.2536, 32.4763,
52.7127

■ 32.2536, 32.4763,
52.7127

303.9977,
313.2833, 414.2169

■ 21.7118, 21.7256,
37.1873

■ 62.5710, 63.5570,
95.6187

■ 13.7607, 13.6554,
25.0556

■ 83.0772, 84.6558,
123.8365

■ 8.0350, 7.8814,
15.8991

107.6356,
109.9727, 157.1221

■ 4.1693, 4.0191,
9.2992

136.6115,
139.8922, 195.8941

■ 1.7984, 1.6843,
4.8374

170.3703,
174.7986, 240.5710

■ 0.5167, 0.4134,
2.0951

209.2774,

■ 0.0000, 0.0000,

215.0763, 291.5714

0.6129

253.6981,
261.1097, 349.3139

■ 0.0000, 0.0000,
0.0000

■ 32.2536, 32.4763,
52.7127

■ 32.2536, 32.4763,
52.7127

■ 26.8273, 26.1628,
51.7806

■ 38.5640, 39.7341,
53.7815

■ 22.2421, 20.7504,
50.9776

■ 45.7928, 47.9690,
54.9900

■ 18.4560, 16.1986,
50.2985

■ 53.9761, 57.2172,
56.3438

■ 15.4222, 12.4620,
49.7372

■ 63.1472, 67.5117,
57.8475

■ 13.0886, 9.4909,
49.2867

■ 73.3379, 78.8842,
59.5055

■ 11.3964, 7.2301,
48.9395

■ 83.3151, 90.7136,
61.2629

■ 10.2763, 5.6160,
48.6870

■ 86.1854, 96.4542,
62.2197

■ 9.7680, 4.8394,
48.5639

Harmonies

Analogous

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



29.4368, 32.4763, 52.6246



32.2536, 32.4763, 52.7127



34.8463, 32.4763, 47.6895

Triad

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



32.2536, 32.4763, 52.7127



34.9162, 32.4763, 25.5129



25.9107, 32.4763, 31.3594

Complementary

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



32.2536, 32.4763, 52.7127



42.6214, 45.9112, 33.4044

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.



27.2041, 32.4763, 25.3648



32.2536, 32.4763, 52.7127



32.3443, 32.4763, 22.3581

Square

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



32.2536, 32.4763, 52.7127



36.4462, 32.4763, 31.5926



29.5222, 32.4763, 22.3084



25.8897, 32.4763, 39.4181

Rectangle

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



32.2536, 32.4763, 52.7127



36.0502, 32.4763, 42.5047



29.5222, 32.4763, 22.3084



26.2074, 32.4763, 29.0665

Sweetspot

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



32.2546, 32.4776, 52.7134



76.8537, 80.0482, 97.6264



38.2090, 45.7491, 50.4975



16.3587, 17.0223, 20.9660



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



32.2546, 32.4776, 52.7134



52.5508, 52.1152, 93.5157



33.5964, 31.2900, 52.4135



9.1531, 9.4985, 12.0232



6.6134, 3.3385, 32.6887



0.3025, 0.2176, 1.2949

Inverse Universe

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



36.8623, 33.3705, 34.6366



62.3170, 54.1897, 55.1602



41.0033, 47.5618, 33.8083



9.5991, 9.5640, 10.2780



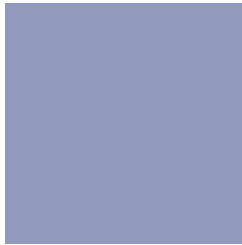
14.3389, 7.3667, 1.8124



0.5836, 0.2973, 0.1864

Previews

White Background



This preview shows how the XYZ color 32.2536, 32.4763, 52.7127 looks on a white background.

Color Contrast Check

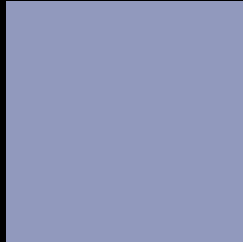
Large Text (above 18pt) WCAG AA × Fail

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 32.2536, 32.4763, 52.7127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

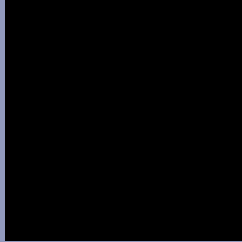
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.2536, 32.4763, 52.7127

Background



This preview shows how black text looks on a background with the XYZ color 32.2536, 32.4763, 52.7127.



This preview shows how white text looks on a background with the XYZ color 32.2536, 32.4763,

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

32.2536, 32.4763, 52.7127

Protanopia

32.4306, 32.5676, 52.7210

Deuteranopia

33.0144, 32.3866, 52.6553



Tritanopia

30.2029, 32.6412, 42.2446

Trichromacy



Original Color

32.2536, 32.4763, 52.7127

Protanomaly

32.4306, 32.5676, 52.7210

Deuteranomaly

32.8080, 32.5202, 52.6920

Tritanomaly

30.8803, 32.6623, 45.7512

Monochromacy



Original Color

32.2536, 32.4763, 52.7127

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.2932, 32.4805, 41.1793

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2536, 32.4763, 52.7127 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(145, 153, 189)` looks like.

```
.text, #text, p{  
    color:rgb(145, 153, 189)  
}
```

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(145, 153, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 153, 189) }
```

Border

The CSS property to change the border of an element to XYZ 32.2536, 32.4763, 52.7127 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(145, 153, 189) }
```


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

```
.border{ border-color:rgb(145, 153, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 153, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 153, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 153, 189);  
box-shadow:4px 4px 4px 4px rgb(145, 153,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2536, 32.4763, 52.7127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 153, 189) }
```

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

```
.background{ background-color: rgb(145,  
153, 189) }
```

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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