

Converting Colors

XYZ(32.0743, 33.6616, 51.2612)

Have a look what the booklet for
XYZ(32.0743, 33.6616, 51.2612)
contains.

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Color

**XYZ(32.0743, 33.6616,
51.2612)**

Conversions

Conversions Part 1

Format	Color
Hex	8D9EBA
RGB	141, 158, 186
RGB Percent	55%, 62%, 73%
CMY	0.4470, 0.3804, 0.2706
CMYK	0.24, 0.15, 0.00, 0.27
HSL	217°, 25%, 64%
HSV	217°, 24%, 73%
XYZ	32.0743, 33.6616, 51.2612
YIQ	156.1090, -19.1200, 5.1040

Conversions

Conversions Part 2

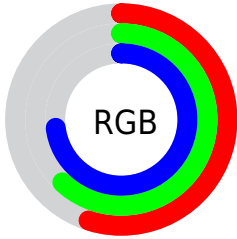
Format	Color
RYB	141, 153, 186
Decimal	9281210
CIELab	64.69, 0.29, -16.46
CIElCh	65, 16.463, 271.008
Yxy	33.6616, 0.2741, 0.2877
Android (android.graphics.Color)	4287471290 (0xFF8D9EBA)
YUV	156.1090, 14.7363, -13.2506
Hunter-Lab	58.0186, -2.8528, -11.7715

Details

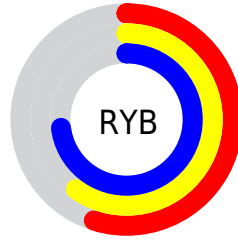
The XYZ color **32.0743, 33.6616, 51.2612** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **39.2458, 40.7384, 30.9950**, and the grayscale version is **31.5918, 33.2370, 36.1951**.

A 20% lighter version of the original color is **62.3269, 65.6014, 93.3818**, and **13.7078, 14.3825, 24.2439** is the 20% darker color. If you saturate the color by 10%, you get **27.2915, 28.4029, 50.4988**, and if you desaturate by 10%, it is **37.5763, 39.5686, 52.1119**.

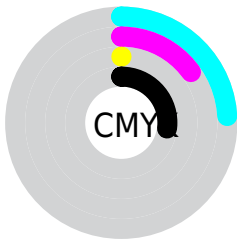
Distribution



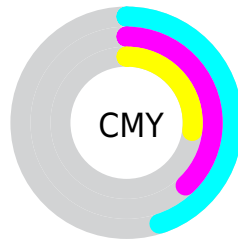
- Red (55%)
- Green (62%)
- Blue (73%)



- Red (55%)
- Yellow (60%)
- Blue (73%)



- Cyan (24%)
- Magenta (15%)
- Yellow (0%)
- Black (27%)



- Cyan (45%)
- Magenta (38%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0743, 33.6616, 51.2612 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 32.0743, 33.6616, 51.2612 by changing the saturation by 10% instead.

■ 32.0743, 33.6616,
51.2612

■ 32.0743, 33.6616,
51.2612

303.1969,
318.6205, 408.4532

■ 21.5741, 22.6338,
36.0384

■ 62.2920, 65.4071,
93.4562

■ 13.6591, 14.3233,
24.1739

■ 82.7401, 86.8935,
121.2654

■ 7.9641, 8.3459,
15.2493

■ 107.2349,
112.6349, 154.1072

■ 4.1236, 4.3171,
8.8460

136.1418,
143.0157, 192.4001

■ 1.7723, 1.8525,
4.5454

169.8261,
178.4203, 236.5626

■ 0.5009, 0.5196,
1.9291

208.6531,

■ 0.0000, 0.0000,

219.2330, 287.0133

0.5111

252.9883,
265.8383, 344.1706

■ 0.0000, 0.0000,
0.0000

■ 32.0743, 33.6616,
51.2612

■ 32.0743, 33.6616,
51.2612

■ 27.2915, 28.4029,
50.4988

■ 37.5763, 39.5686,
52.1119

■ 23.1931, 23.7647,
49.8195

■ 43.8238, 46.1425,
53.0515

■ 19.7461, 19.7227,
49.2210

■ 50.8458, 53.4059,
54.0834

■ 16.9130, 16.2494,
48.6999

■ 58.6687, 61.3792,
55.2101

■ 14.6526, 13.3147,
48.2526

■ 67.3175, 70.0819,
56.4341

■ 12.9175, 10.8851,
47.8751

■ 76.8163, 79.5327,
57.7576

■ 11.6519, 8.9219,
47.5629

■ 80.9733, 86.5458,
58.8922

■ 11.0703, 7.9597,
47.4078

■ 84.4710, 93.5411,
60.0581

■ 85.8630, 96.3252,
60.5221

Harmonies

Analogous

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



29.8424, 33.6616, 49.2514



32.0743, 33.6616, 51.2612



34.3923, 33.6616, 48.9733

Triad

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



32.0743, 33.6616, 51.2612



36.0485, 33.6616, 30.3492



28.1827, 33.6616, 30.7000

Complementary

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



32.0743, 33.6616, 51.2612



39.2458, 40.7384, 30.9950

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.



29.7105, 33.6616, 26.5925



32.0743, 33.6616, 51.2612



34.2473, 33.6616, 26.4081

Square

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



32.0743, 33.6616, 51.2612



36.7553, 33.6616, 36.4234



31.9145, 33.6616, 25.1208



27.6634, 33.6616, 36.8810

Rectangle

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



32.0743, 33.6616, 51.2612



35.6570, 33.6616, 45.4636



31.9145, 33.6616, 25.1208



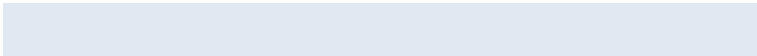
28.5915, 33.6616, 29.0592

Sweetspot

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



32.0753, 33.6630, 51.2620



75.9792, 80.0245, 95.6431



35.6821, 43.6364, 43.9559



16.5783, 17.4616, 21.0392



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.



32.0753, 33.6630, 51.2620



53.3949, 55.8315, 92.1637



30.2872, 28.7298, 50.4040



8.7917, 9.2607, 11.4035



7.5148, 5.4892, 31.9165



0.3253, 0.3143, 1.1453

Inverse Universe

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



35.9470, 31.9584, 36.6232



61.7113, 52.5278, 60.6393



41.3648, 46.8351, 32.0601



9.1412, 9.0669, 10.0910



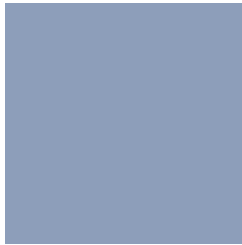
14.4068, 7.3365, 4.7630



0.5384, 0.2708, 0.3284

Previews

White Background



This preview shows how the XYZ color 32.0743, 33.6616, 51.2612 looks on a white background.

Color Contrast Check

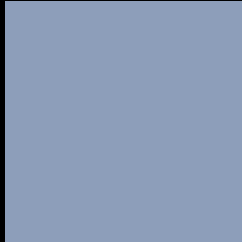
Large Text (above 18pt) WCAG AA × Fail

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 32.0743, 33.6616, 51.2612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

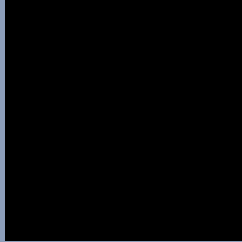
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.0743, 33.6616, 51.2612

Background



This preview shows how black text looks on a background with the XYZ color 32.0743, 33.6616, 51.2612.



This preview shows how white text looks on a background with the XYZ color 32.0743, 33.6616,

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

32.0743, 33.6616, 51.2612

Protanopia

33.1356, 33.4827, 50.0638

Deuteranopia

34.2655, 33.5384, 51.6813



Tritanopia

30.5949, 33.5620, 44.4008

Trichromacy



Original Color

32.0743, 33.6616, 51.2612

Protanomaly

32.6780, 33.4828, 50.6394

Deuteranomaly

33.4535, 33.6099, 51.7379

Tritanomaly

31.0815, 33.4996, 46.9474

Monochromacy



Original Color

32.0743, 33.6616, 51.2612

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.7945, 33.4833, 41.3464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0743, 33.6616, 51.2612 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(141, 158, 186)` looks like.

```
.text, #text, p{  
    color:rgb(141, 158, 186)  
}
```

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(141, 158, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 158, 186) }
```

Border

The CSS property to change the border of an element to XYZ 32.0743, 33.6616, 51.2612 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(141, 158, 186) }
```


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

```
.border{ border-color:rgb(141, 158, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 158, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 158, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 158, 186); box-shadow:4px 4px 4px 4px rgb(141, 158, 186) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0743, 33.6616, 51.2612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 158, 186) }
```

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

```
.background{ background-color: rgb(141,  
158, 186) }
```

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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