

Converting Colors

XYZ(32.4743, 19.4208, 23.1737)

Have a look what the booklet for
XYZ(32.4743, 19.4208, 23.1737)
contains.

XYZ(32.4519, 19.4233, 23.1578)	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(32.4519, 19.4233,
23.1578)**

Conversions

Conversions Part 1

Format	Color
Hex	D14582
RGB	209, 69, 130
RGB Percent	82%, 27%, 51%
CMY	0.1804, 0.7294, 0.4902
CMYK	0.00, 0.67, 0.38, 0.18
HSL	334°, 60%, 55%
HSV	334°, 67%, 82%
XYZ	32.4519, 19.4233, 23.1578
YIQ	117.8140, 63.8590, 48.6510

Conversions

Conversions Part 2

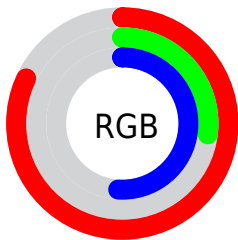
Format	Color
R_{YB}	209, 69, 130
Decimal	13714818
CIE _{Lab}	51.18, 59.90, -3.56
CIE _{LCh}	51, 60.007, 356.601
Yxy	19.4233, 0.4325, 0.2589
Android (android.graphics.Color)	4291904898 (0xFFD14582)
YUV	117.8140, 6.0077, 79.9701
Hunter-Lab	44.0719, 54.3110, -0.3039

Details

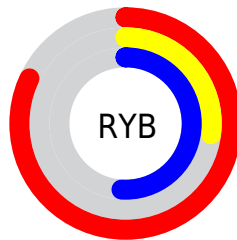
The XYZ color **32.4519, 19.4233, 23.1578** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **30.6013, 49.0048, 35.8664**, and the grayscale version is **17.1306, 18.0228, 19.6268**.

A 20% lighter version of the original color is **57.2481, 39.6006, 49.4261**, and **14.0629, 7.0781, 8.4096** is the 20% darker color. If you saturate the color by 10%, you get **30.6382, 16.9910, 18.8687**, and if you desaturate by 10%, it is **34.8100, 22.7991, 28.0765**.

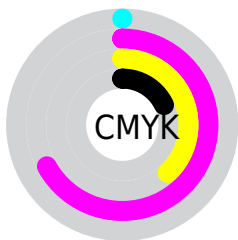
Distribution



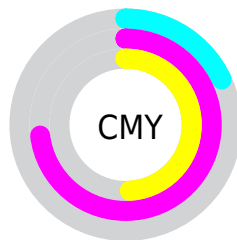
- Red (82%)
- Green (27%)
- Blue (51%)



- Red (82%)
- Yellow (27%)
- Blue (51%)



- Cyan (0%)
- Magenta (67%)
- Yellow (38%)
- Black (18%)





- Cyan (18%)
- Magenta (73%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4519, 19.4233, 23.1578 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 32.4519, 19.4233, 23.1578 by changing the saturation by 10% instead.


 32.4519, 19.4233,
23.1578


 32.4519, 19.4233,
23.1578


304.8815,
248.7758, 281.6826


 21.8641, 11.9765,
14.5037


 62.8793, 42.4482,
49.5788


 13.8731, 6.7277,
8.3291


 83.4496, 58.7951,
68.1827


 8.1136, 3.2924,
4.2154


 108.0781, 78.8775,
90.9403

 4.2201, 1.2862,
1.7443

 137.1302,
103.0797, 118.2702

 1.8274, 0.1305,
0.3908

 170.9713,
131.7863, 150.5908

 0.5341, 0.0000,
0.0000

209.9666,

 0.0000, 0.0000,

165.3816, 188.3207

0.0000

254.4816,
204.2499, 231.8785

■ 32.4519, 19.4233,
23.1578

■ 32.4519, 19.4233,
23.1578

■ 30.6382, 16.9910,
18.8687

■ 34.8100, 22.7991,
28.0765

■ 29.3142, 15.3980,
15.1754

■ 37.7566, 27.2019,
33.6532

■ 28.4112, 14.5115,
12.0392

■ 41.3328, 32.7095,
39.9156

■ 28.1853, 14.3116,
11.1875

■ 45.5753, 39.3913,
46.8890

■ 50.5180, 47.3108,
54.5973

■ 56.1924, 56.5271,
63.0632

■ 62.6281, 67.0953,
72.3083

■ 69.8527, 79.0675,
82.3531

■ 77.2164, 91.1401,
92.9921

Harmonies

Analogous

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



29.7966, 19.4233, 44.8930



32.4519, 19.4233, 23.1578



30.7426, 19.4233, 9.5806

Triad

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



32.4519, 19.4233, 23.1578



13.7841, 19.4233, 3.2706



12.8367, 19.4233, 62.1712

Complementary

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



32.4519, 19.4233, 23.1578



30.6013, 49.0048, 35.8664

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.



9.9830, 19.4233, 39.5457



32.4519, 19.4233, 23.1578



10.4415, 19.4233, 7.7244

Square

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



32.4519, 19.4233, 23.1578



19.1501, 19.4233, 2.3805



9.2108, 19.4233, 19.2592



17.7892, 19.4233, 73.8558

Rectangle

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



32.4519, 19.4233, 23.1578



27.5231, 19.4233, 5.1278



9.2108, 19.4233, 19.2592



11.6451, 19.4233, 55.1502

Sweetspot

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



32.4524, 19.4243, 23.1581



76.5905, 69.9488, 81.5745



25.4920, 14.9721, 61.8679



15.9196, 14.2123, 16.7223



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



32.4524, 19.4243, 23.1581



47.1486, 25.5175, 27.2047



29.9539, 19.1551, 7.7502



12.0196, 11.8926, 13.3789



17.4258, 8.8432, 7.1485



1.0139, 0.5103, 0.6078

Inverse Universe

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



32.4524, 19.4243, 23.1581



47.1486, 25.5175, 27.2047



35.0841, 48.1102, 67.7586



12.0196, 11.8926, 13.3789



17.4258, 8.8432, 7.1485



1.0139, 0.5103, 0.6078

Previews

White Background



This preview shows how the XYZ color 32.4519, 19.4233, 23.1578 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 32.4519, 19.4233, 23.1578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

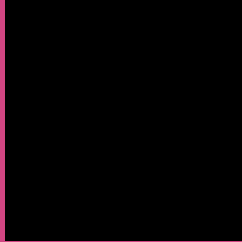
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.4519, 19.4233, 23.1578

Background



This preview shows how black text looks on a background with the XYZ color 32.4519, 19.4233, 23.1578.



This preview shows how white text looks on a background with the XYZ color 32.4519, 19.4233,

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

32.4519, 19.4233, 23.1578

Protanopia

20.0038, 19.6986, 37.3982

Deuteranopia

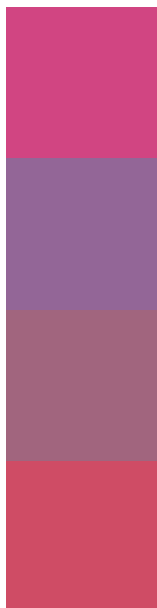
20.0035, 19.6920, 21.4855



Tritanopia

29.9620, 19.5150, 10.7819

Trichromacy



Original Color

32.4519, 19.4233, 23.1578

Protanomaly

22.3699, 17.9402, 31.5619

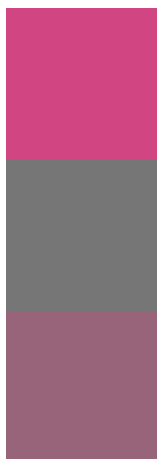
Deuteranomaly

23.1175, 18.3908, 22.0700

Tritanomaly

30.6655, 19.3739, 14.4352

Monochromacy



Original Color

32.4519, 19.4233, 23.1578

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

20.8325, 17.0988, 20.6148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4519, 19.4233, 23.1578 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(209, 69, 130)` looks like.

```
.text, #text, p{  
    color:rgb(209, 69, 130)  
}
```

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(209, 69, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 69, 130) }
```

Border

The CSS property to change the border of an element to XYZ 32.4519, 19.4233, 23.1578 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(209, 69, 130) }
```


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

```
.border{ border-color:rgb(209, 69, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 69, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 69, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 69, 130); box-shadow:4px 4px 4px 4px rgb(209, 69, 130) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4519, 19.4233, 23.1578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 69, 130) }
```

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

```
.background{ background-color: rgb(209, 69,  
130) }
```

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