

Converting Colors

XYZ(32.0843, 31.3712, 9.0185)

Have a look what the booklet for
XYZ(32.0843, 31.3712, 9.0185)
contains.

XYZ(32.2578, 31.5568, 9.0935)	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(32.2578, 31.5568,
9.0935)**

Conversions

Conversions Part 1

Format	Color
Hex	BE913F
RGB	190, 145, 63
RGB Percent	75%, 57%, 25%
CMY	0.2549, 0.4314, 0.7529
CMYK	0.00, 0.24, 0.67, 0.25
HSL	39°, 50%, 50%
HSV	39°, 67%, 75%
XYZ	32.2578, 31.5568, 9.0935
YIQ	149.1070, 53.1420, -15.9620

Conversions

Conversions Part 2

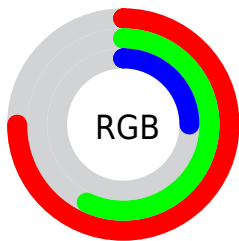
Format	Color
RYB	133, 190, 63
Decimal	12489023
CIELab	62.97, 8.36, 48.74
CIELCh	63, 49.453, 80.270
Yxy	31.5568, 0.4424, 0.4328
Android (android.graphics.Color)	4290679103 (0xFFBE913F)
YUV	149.1070, -42.4508, 35.8632
Hunter-Lab	56.1754, 4.1936, 29.7251

Details

The XYZ color **32.2578, 31.5568, 9.0935** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **16.7065, 15.4989, 50.8260**, and the grayscale version is **28.7703, 30.2686, 32.9625**.

A 20% lighter version of the original color is **62.5276, 62.2015, 24.6301**, and **13.8034, 13.1863, 2.0187** is the 20% darker color. If you saturate the color by 10%, you get **30.8175, 29.3845, 6.4306**, and if you desaturate by 10%, it is **33.9437, 33.9274, 12.7427**.

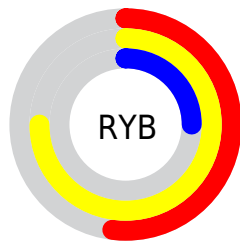
Distribution



Red (75%)

Green (57%)

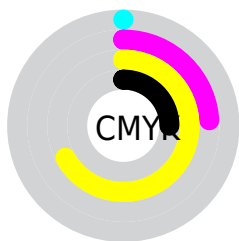
Blue (25%)



Red (52%)

Yellow (75%)

Blue (25%)

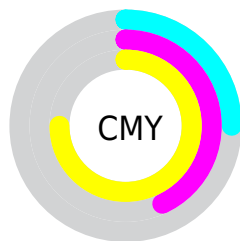


Cyan (0%)

Magenta (24%)

Yellow (67%)

Black (25%)



Cyan (25%)


Magenta (43%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.2578, 31.5568, 9.0935 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 32.2578, 31.5568, 9.0935 by changing the saturation by 10% instead.


 32.2578, 31.5568,
9.0935


 32.2578, 31.5568,
9.0935


304.0164,
309.0954, 194.3176

 21.7150, 21.0232,
4.7046


 62.5775, 62.1156,
24.6565

 13.7631, 13.1410,
2.0193


 83.0851, 82.9097,
36.6676

 8.0366, 7.5257,
0.5671


 107.6450,
107.8926, 52.0566

 4.1704, 3.7930,
0.0000

 136.6225,
137.4490, 71.2419

 1.7990, 1.5584,
0.0000

 170.3831,
171.9630, 94.6421

 0.5171, 0.3293,
0.0000

209.2920,

 0.0000, 0.0000,

211.8191, 122.6758

0.0000

253.7147,
257.4018, 155.7614

■ 32.2578, 31.5568,
9.0935

■ 32.2578, 31.5568,
9.0935

■ 30.8175, 29.3845,
6.4306

■ 33.9437, 33.9274,
12.7427

■ 29.5999, 27.3958,
4.6477

■ 35.8910, 36.5005,
17.4661

■ 28.5776, 25.5795,
3.6035

■ 38.1166, 39.2856,
23.3439

■ 28.2789, 25.0347,
3.3417

■ 40.6349, 42.2902,
30.4480

■ 43.4595, 45.5211,
38.8445

■ 46.6027, 48.9847,
48.5948

■ 50.0765, 52.6874,
59.7561

■ 53.8918, 56.6349,
72.3825

■ 58.0592, 60.8328,
86.5251

Harmonies

Analogous

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



39.1490, 31.5568, 12.8615



32.2578, 31.5568, 9.0935



25.6892, 31.5568, 9.8471

Triad

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



32.2578, 31.5568, 9.0935



19.3264, 31.5568, 49.0302



41.2121, 31.5568, 64.2738

Complementary

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



32.2578, 31.5568, 9.0935



16.7065, 15.4989, 50.8260

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.



34.7542, 31.5568, 82.8028



32.2578, 31.5568, 9.0935



22.3903, 31.5568, 71.9424

Square

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



32.2578, 31.5568, 9.0935



18.8665, 31.5568, 28.4131



27.8383, 31.5568, 86.0435



44.8107, 31.5568, 41.0836

Rectangle

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



32.2578, 31.5568, 9.0935



22.3128, 31.5568, 12.9795



27.8383, 31.5568, 86.0435



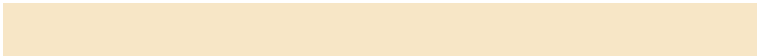
39.2617, 31.5568, 71.5723

Sweetspot

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



32.2585, 31.5583, 9.0941



76.9081, 80.4047, 64.8197



25.8037, 15.6188, 16.2835



16.5681, 17.2899, 13.2815



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



32.2585, 31.5583, 9.0941



54.8157, 51.6036, 10.0294



36.5589, 46.0775, 11.6699



10.0301, 10.5362, 10.0817



18.8801, 16.7989, 2.2474



0.7990, 0.7770, 0.1079

Inverse Universe

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



16.7065, 15.4989, 50.8260



24.7978, 20.7334, 90.9741



14.3746, 8.9756, 49.6898



9.2856, 9.7636, 12.0674



7.5950, 5.3018, 33.0159



0.3599, 0.3326, 1.3141

Previews

White Background



This preview shows how the XYZ color 32.2578, 31.5568, 9.0935 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 32.2578, 31.5568, 9.0935 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 32.2578, 31.5568, 9.0935

Background



This preview shows how black text looks on a background with the XYZ color 32.2578, 31.5568, 9.0935.



This preview shows how white text looks on a background with the XYZ color 32.2578, 31.5568,

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

32.2578, 31.5568, 9.0935

Protanopia

28.9229, 31.7102, 9.5973

Deuteranopia

32.2578, 31.5568, 9.0935



Tritanopia

36.8356, 31.4507, 31.7329

Trichromacy



Original Color

32.2578, 31.5568, 9.0935

Protanomaly

29.9632, 31.5300, 9.3571

Deuteranomaly

32.2578, 31.5568, 9.0935

Tritanomaly

34.6331, 31.1955, 20.7190

Monochromacy



Original Color

32.2578, 31.5568, 9.0935

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.1698, 30.3803, 21.4661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2578, 31.5568, 9.0935 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(190, 145, 63)` looks like.

```
.text, #text, p{  
    color:rgb(190, 145, 63)  
}
```

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(190, 145, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 145, 63) }
```

Border

The CSS property to change the border of an element to XYZ 32.2578, 31.5568, 9.0935 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(190, 145, 63) }
```


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

```
.border{ border-color:rgb(190, 145, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 145, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 145, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 145, 63);  
box-shadow:4px 4px 4px 4px rgb(190, 145,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2578, 31.5568, 9.0935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 145, 63) }
```

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

```
.background{ background-color: rgb(190,  
145, 63) }
```

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