

Converting Colors

XYZ(32.2082, 32.0571, 44.2557)

Have a look what the booklet for
XYZ(32.2082, 32.0571, 44.2557)
contains.

XYZ(32.3197, 32.2183, 44.0505)	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(32.3197, 32.2183,
44.0505)**

Conversions

Conversions Part 1

Format	Color
Hex	9C97AD
RGB	156, 151, 173
RGB Percent	61%, 59%, 68%
CMY	0.3882, 0.4078, 0.3216
CMYK	0.10, 0.13, 0.00, 0.32
HSL	254°, 12%, 64%
HSV	254°, 13%, 68%
XYZ	32.3197, 32.2183, 44.0505
YIQ	155.0030, -4.0820, 7.9020

Conversions

Conversions Part 2

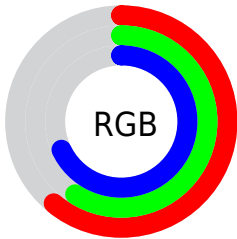
Format	Color
RYB	156, 151, 173
Decimal	10262445
CIELab	63.52, 6.22, -10.81
CIElCh	64, 12.473, 299.908
Yxy	32.2183, 0.2976, 0.2967
Android (android.graphics.Color)	4288452525 (0xFF9C97AD)
YUV	155.0030, 8.8725, 0.8744
Hunter-Lab	56.7612, 2.3055, -6.2802

Details

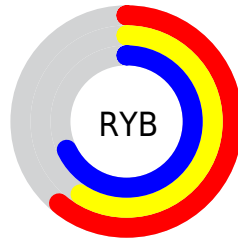
The XYZ color **32.3197, 32.2183, 44.0505** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.6792, 40.4473, 35.1537**, and the grayscale version is **31.1211, 32.7419, 35.6559**.

A 20% lighter version of the original color is **62.6989, 63.1130, 82.2762**, and **13.8341, 13.4981, 19.9654** is the 20% darker color. If you saturate the color by 10%, you get **27.2911, 25.7924, 43.0757**, and if you desaturate by 10%, it is **38.0436, 39.6109, 45.1762**.

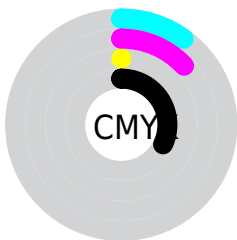
Distribution



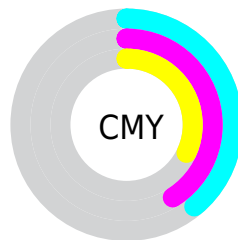
- Red (61%)
- Green (59%)
- Blue (68%)



- Red (61%)
- Yellow (59%)
- Blue (68%)



- Cyan (10%)
- Magenta (13%)
- Yellow (0%)
- Black (32%)



- Cyan (39%)
- Magenta (41%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3197, 32.2183, 44.0505 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 32.3197, 32.2183, 44.0505 by changing the saturation by 10% instead.

■ 32.3197, 32.2183,
44.0505

■ 32.3197, 32.2183,
44.0505

304.2925,
312.1125, 378.9617

■ 21.7625, 21.5283,
30.3727

■ 62.6738, 63.1532,
82.5970

■ 13.7981, 13.5107,
19.8672

■ 83.2014, 84.1668,
108.3028

■ 8.0612, 7.7812,
12.1154

107.7832,
109.3904, 138.8551

■ 4.1862, 3.9552,
6.6989

136.7845,
139.2085, 174.6723

■ 1.8080, 1.6486,
3.1989

170.5708,
174.0053, 216.1730

■ 0.5225, 0.3900,
1.1971

209.5073,

■ 0.0000, 0.0000,

214.1653, 263.7758

0.0000

253.9594,
260.0729, 317.8992

■ 32.3197, 32.2183,
44.0505

■ 32.3197, 32.2183,
44.0505

■ 27.2911, 25.7924,
43.0757

■ 38.0436, 39.6109,
45.1762

■ 22.9279, 20.2888,
42.2434

■ 44.4854, 48.0039,
46.4567

■ 19.2026, 15.6660,
41.5474

■ 51.6700, 57.4344,
47.8983

■ 16.0842, 11.8775,
40.9805

■ 59.6205, 67.9364,
49.5064

■ 13.5392, 8.8723,
40.5346

■ 68.3588, 79.5423,
51.2860

■ 11.5307, 6.5941,
40.2007

■ 77.9059, 92.2831,
53.2420

■ 10.0173, 4.9783,
39.9686

■ 82.5807, 94.7856,
53.4787

■ 8.9505, 3.9490,
39.8262

■ 84.5429, 95.7972,
53.5705

■ 8.3911, 3.4544,
39.7602

Harmonies

Analogous

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



30.6171, 32.2183, 45.5511



32.3197, 32.2183, 44.0505



33.6068, 32.2183, 40.1026

Triad

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



32.3197, 32.2183, 44.0505



32.3294, 32.2183, 27.4318



27.3999, 32.2183, 35.0648

Complementary

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



32.3197, 32.2183, 44.0505



36.6792, 40.4473, 35.1537

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.



27.8204, 32.2183, 30.4957



32.3197, 32.2183, 44.0505



30.6279, 32.2183, 26.3512

Square

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



32.3197, 32.2183, 44.0505



33.6125, 32.2183, 30.5200



28.9858, 32.2183, 27.4188



27.8153, 32.2183, 40.0735

Rectangle

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



32.3197, 32.2183, 44.0505



34.0329, 32.2183, 36.7847



28.9858, 32.2183, 27.4188



27.4479, 32.2183, 33.4292

Sweetspot

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



32.3207, 32.2197, 44.0512



66.6706, 69.0434, 80.6186



34.3522, 37.6889, 44.9998



14.3187, 14.7841, 17.4866



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



32.3207, 32.2197, 44.0512



55.4738, 54.6102, 78.4228



34.4976, 33.3419, 44.1531



7.7428, 7.8417, 10.0582



6.2069, 2.5597, 29.2114



0.2194, 0.0953, 0.8148

Inverse Universe

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



35.3693, 33.8461, 41.7164



61.9310, 58.0565, 73.4194



34.4808, 39.3139, 35.0508



8.2580, 8.1165, 9.6697



15.8288, 7.7941, 17.2760



0.4592, 0.2244, 0.5801

Previews

White Background



This preview shows how the XYZ color 32.3197, 32.2183, 44.0505 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 32.3197, 32.2183, 44.0505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

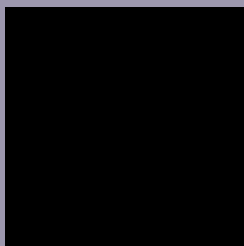
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.3197, 32.2183, 44.0505

Background



This preview shows how black text looks on a background with the XYZ color 32.3197, 32.2183, 44.0505.



This preview shows how white text looks on a background with the XYZ color 32.3197, 32.2183,

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

32.3197, 32.2183, 44.0505

Protanopia

31.6089, 32.3225, 44.6173

Deuteranopia

32.9464, 32.3034, 44.0339



Tritanopia

31.4466, 32.1054, 39.6615

Trichromacy



Original Color

32.3197, 32.2183, 44.0505

Protanomaly

31.8171, 32.1879, 44.5803

Deuteranomaly

32.7472, 32.2008, 44.0246

Tritanomaly

31.7209, 32.2151, 41.1055

Monochromacy



Original Color

32.3197, 32.2183, 44.0505

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.5948, 32.6884, 38.8267

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3197, 32.2183, 44.0505 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(156, 151, 173)` looks like.

```
.text, #text, p{  
    color:rgb(156, 151, 173)  
}
```

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(156, 151, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 151, 173) }
```

Border

The CSS property to change the border of an element to XYZ 32.3197, 32.2183, 44.0505 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(156, 151, 173) }
```


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

```
.border{ border-color:rgb(156, 151, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 151, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 151, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 151, 173);  
box-shadow:4px 4px 4px 4px rgb(156, 151,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3197, 32.2183, 44.0505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 151, 173) }
```

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

```
.background{ background-color: rgb(156,  
151, 173) }
```

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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