

Converting Colors

XYZ(32.5536, 32.4935, 43.3318)

Have a look what the booklet for
XYZ(32.5536, 32.4935, 43.3318)
contains.

XYZ(32.4835, 32.5648, 43.1017)	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(32.4835, 32.5648,
43.1017)**

Conversions

Conversions Part 1

Format	Color
Hex	9D98AB
RGB	157, 152, 171
RGB Percent	62%, 60%, 67%
CMY	0.3843, 0.4039, 0.3294
CMYK	0.08, 0.11, 0.00, 0.33
HSL	256°, 10%, 63%
HSV	256°, 11%, 67%
XYZ	32.4835, 32.5648, 43.1017
YIQ	155.6610, -3.1190, 6.9690

Conversions

Conversions Part 2

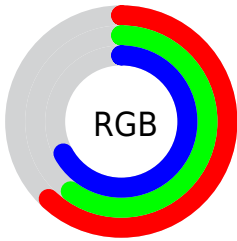
Format	Color
RYB	157, 152, 171
Decimal	10328235
CIELab	63.81, 5.58, -9.25
CIELCh	64, 10.806, 301.108
Yxy	32.5648, 0.3004, 0.3011
Android (android.graphics.Color)	4288518315 (0xFF9D98AB)
YUV	155.6610, 7.5621, 1.1743
Hunter-Lab	57.0656, 1.7430, -4.8359

Details

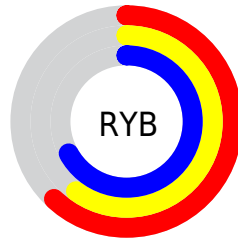
The XYZ color **32.4835, 32.5648, 43.1017** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.9575, 39.5007, 35.4366**, and the grayscale version is **31.4181, 33.0543, 35.9961**.

A 20% lighter version of the original color is **62.9502, 63.6306, 80.9156**, and **13.9273, 13.7034, 19.3637** is the 20% darker color. If you saturate the color by 10%, you get **27.5728, 26.2067, 42.1338**, and if you desaturate by 10%, it is **38.0499, 39.8567, 44.2163**.

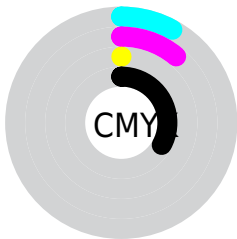
Distribution



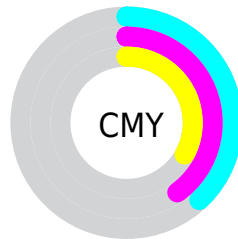
- Red (62%)
- Green (60%)
- Blue (67%)



- Red (62%)
- Yellow (60%)
- Blue (67%)



- Cyan (8%)
- Magenta (11%)
- Yellow (0%)
- Black (33%)



- Cyan (38%)
- Magenta (40%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4835, 32.5648, 43.1017 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 32.4835, 32.5648, 43.1017 by changing the saturation by 10% instead.

■ 32.4835, 32.5648,
43.1017

■ 32.4835, 32.5648,
43.1017

305.0222,
313.6841, 374.9633

■ 21.8884, 21.7933,
29.6329

■ 62.9284, 63.6955,
81.1523

■ 13.8911, 13.7051,
19.3105

■ 83.5089, 84.8234,
106.5712

■ 8.1261, 7.9158,
11.7157

108.1486,
110.1723, 136.8106

■ 4.2282, 4.0411,
6.4302

137.2128,
140.1264, 172.2890

■ 1.8321, 1.6966,
3.0354

171.0669,
175.0703, 213.4249

■ 0.5369, 0.4215,
1.1128

210.0763,

■ 0.0000, 0.0000,

215.3883, 260.6369

0.0000

254.6063,
261.4647, 314.3435

■ 32.4835, 32.5648,
43.1017

■ 32.4835, 32.5648,
43.1017

■ 27.5728, 26.2067,
42.1338

■ 38.0499, 39.8567,
44.2163

■ 23.2902, 20.7402,
41.3044

■ 44.2924, 48.1141,
45.4811

■ 19.6104, 16.1260,
40.6077

■ 51.2342, 57.3722,
46.9022

■ 16.5051, 12.3202,
40.0368

■ 58.8964, 67.6633,
48.4848

■ 13.9439, 9.2751,
39.5840

■ 67.2993, 79.0182,
50.2336

■ 11.8930, 6.9375,
39.2409

■ 76.4622, 91.4664,
52.1534

■ 10.3148, 5.2472,
38.9978

■ 80.8413, 93.9111,
52.3945

■ 9.1659, 4.1339,
38.8435

■ 84.3508, 95.7203,
52.5587

■ 8.4323, 3.4978,
38.7594

Harmonies

Analogous

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



31.0083, 32.5648, 44.4827



32.4835, 32.5648, 43.1017



33.5766, 32.5648, 39.6488

Triad

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



32.4835, 32.5648, 43.1017



32.3827, 32.5648, 28.6349



28.1261, 32.5648, 35.6194

Complementary

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



32.4835, 32.5648, 43.1017



35.9575, 39.5007, 35.4366

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.



28.4676, 32.5648, 31.5726



32.4835, 32.5648, 43.1017



30.8955, 32.5648, 27.7439

Square

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



32.4835, 32.5648, 43.1017



33.5171, 32.5648, 31.3142



29.4691, 32.5648, 28.7752



28.5210, 32.5648, 39.9511

Rectangle

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



32.4835, 32.5648, 43.1017



33.9241, 32.5648, 36.7645



29.4691, 32.5648, 28.7752



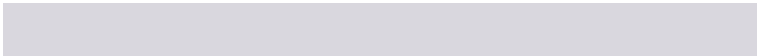
28.1585, 32.5648, 34.1819

Sweetspot

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



32.4845, 32.5662, 43.1024



66.1137, 68.7092, 78.7795



33.9824, 36.9801, 43.8754



14.5615, 15.0832, 17.5316



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.



32.4845, 32.5662, 43.1024



56.2158, 55.7717, 76.8040



34.3583, 33.5322, 43.1901



7.7692, 7.8553, 10.0594



6.4001, 2.6592, 29.2205



0.2297, 0.1006, 0.8153

Inverse Universe

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



34.9069, 33.8690, 40.7757



61.3216, 58.5185, 71.8579



34.0874, 38.5366, 35.3490



8.2458, 8.1116, 9.6049



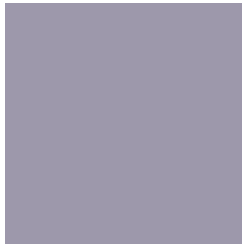
15.5229, 7.6717, 15.6647



0.4527, 0.2218, 0.5457

Previews

White Background



This preview shows how the XYZ color 32.4835, 32.5648, 43.1017 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 32.4835, 32.5648, 43.1017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

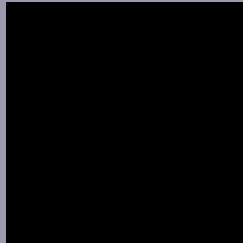
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.4835, 32.5648, 43.1017

Background



This preview shows how black text looks on a background with the XYZ color 32.4835, 32.5648, 43.1017.



This preview shows how white text looks on a background with the XYZ color 32.4835, 32.5648,

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

32.4835, 32.5648, 43.1017

Protanopia

31.7865, 32.4364, 43.6153

Deuteranopia

33.1573, 32.4343, 43.0410



Tritanopia

31.8931, 32.5670, 40.2024

Trichromacy



Original Color

32.4835, 32.5648, 43.1017

Protanomaly

32.1641, 32.6310, 43.6329

Deuteranomaly

32.9145, 32.5471, 43.0755

Tritanomaly

32.0766, 32.6404, 41.1688

Monochromacy



Original Color

32.4835, 32.5648, 43.1017

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.8647, 33.0838, 38.4246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4835, 32.5648, 43.1017 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(157, 152, 171)` looks like.

```
.text, #text, p{  
    color:rgb(157, 152, 171)  
}
```

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(157, 152, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 152, 171) }
```

Border

The CSS property to change the border of an element to XYZ 32.4835, 32.5648, 43.1017 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(157, 152, 171) }
```


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

```
.border{ border-color:rgb(157, 152, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 152, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 152, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 152, 171); box-shadow:4px 4px 4px 4px rgb(157, 152, 171) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4835, 32.5648, 43.1017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 152, 171) }
```

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

```
.background{ background-color: rgb(157,  
152, 171) }
```

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