

Converting Colors

XYZ(32.0453, 32.0503, 40.0324)

Have a look what the booklet for
XYZ(32.0453, 32.0503, 40.0324)
contains.

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Color

**XYZ(32.1562, 32.2208,
40.1217)**

Conversions

Conversions Part 1

Format	Color
Hex	9F97A5
RGB	159, 151, 165
RGB Percent	62%, 59%, 65%
CMY	0.3765, 0.4078, 0.3529
CMYK	0.04, 0.08, 0.00, 0.35
HSL	274°, 7%, 62%
HSV	274°, 8%, 65%
XYZ	32.1562, 32.2208, 40.1217
YIQ	154.9880, 0.2740, 6.0500

Conversions

Conversions Part 2

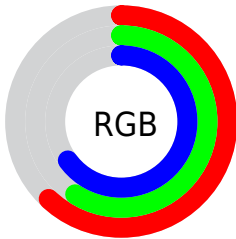
Format	Color
R _{YB}	159, 151, 165
Decimal	10459045
CIE Lab	63.52, 5.62, -6.27
CIE LCh	64, 8.422, 311.861
Yxy	32.2208, 0.3077, 0.3083
Android (android.graphics.Color)	4288649125 (0xFF9F97A5)
YUV	154.9880, 4.9359, 3.5185
Hunter-Lab	56.7634, 1.7836, -2.1732

Details

The XYZ color **32.1562, 32.2208, 40.1217** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.9469, 36.3136, 34.5526**, and the grayscale version is **31.1300, 32.7512, 35.6660**.

A 20% lighter version of the original color is **62.4811, 63.1261, 76.6016**, and **13.7221, 13.4947, 17.5043** is the 20% darker color. If you saturate the color by 10%, you get **28.3220, 26.5749, 39.2345**, and if you desaturate by 10%, it is **36.4443, 38.6541, 41.1379**.

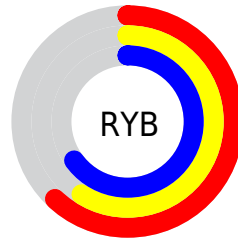
Distribution



Red (62%)

Green (59%)

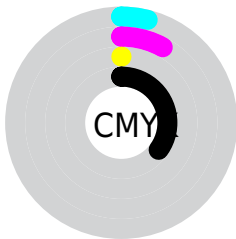
Blue (65%)



Red (62%)

Yellow (59%)

Blue (65%)

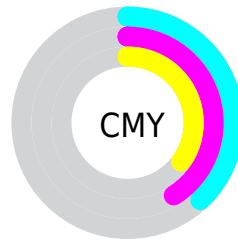


Cyan (4%)

Magenta (8%)

Yellow (0%)

Black (35%)



Cyan (38%)

Magenta (41%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.1562, 32.2208, 40.1217 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 32.1562, 32.2208, 40.1217 by changing the saturation by 10% instead.

■ 32.1562, 32.2208,
40.1217

■ 32.1562, 32.2208,
40.1217

303.5628,
312.1238, 362.2036

■ 21.6370, 21.5302,
27.3189

■ 62.4194, 63.1571,
76.5879

■ 13.7055, 13.5121,
17.5783

■ 82.8941, 84.1715,
101.0884

■ 7.9964, 7.7821,
10.4814

107.4180,
109.3961, 130.3253

■ 4.1445, 3.9559,
5.6095

136.3564,
139.2151, 164.7170

■ 1.7842, 1.6489,
2.5442

170.0748,
174.0130, 204.6822

■ 0.5081, 0.3902,
0.8635

208.9384,

■ 0.0000, 0.0000,

214.1742, 250.6393

0.0000

253.3126,
260.0830, 303.0069

■ 32.1562, 32.2208,
40.1217

■ 32.1562, 32.2208,
40.1217

■ 28.3220, 26.5749,
39.2345

■ 36.4443, 38.6541,
41.1379

■ 24.9220, 21.6810,
38.4691

■ 41.1991, 45.9004,
42.2860

■ 21.9396, 17.5068,
37.8206

■ 46.4365, 53.9889,
43.5712

■ 19.3555, 14.0163,
37.2830

■ 52.1708, 62.9464,
44.9979

■ 17.1490, 11.1701,
36.8500

■ 58.4157, 72.7983,
46.5704

■ 15.2973, 8.9247,
36.5141

■ 65.1841, 83.5691,
48.2926

■ 13.7747, 7.2309,
36.2675

■ 68.7081, 87.7208,
48.9083

■ 12.5515, 6.0317,
36.1005

■ 70.7479, 88.7724,
49.0037

■ 11.5740, 5.2224,
35.9958

■ 72.8776, 89.8703,
49.1034

Harmonies

Analogous

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



31.0912, 32.2208, 41.7981



32.1562, 32.2208, 40.1217



32.8207, 32.2208, 37.1345

Triad

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



32.1562, 32.2208, 40.1217



31.3331, 32.2208, 29.2907



28.4683, 32.2208, 36.4287

Complementary

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



32.1562, 32.2208, 40.1217



32.9469, 36.3136, 34.5526

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.



28.5293, 32.2208, 33.1084



32.1562, 32.2208, 40.1217



30.1633, 32.2208, 29.1285

Square

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



32.1562, 32.2208, 40.1217



32.3371, 32.2208, 30.9430



29.1430, 32.2208, 30.4848



28.9742, 32.2208, 39.5766

Rectangle

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



32.1562, 32.2208, 40.1217



32.9370, 32.2208, 34.8735



29.1430, 32.2208, 30.4848



28.4236, 32.2208, 35.2933

Sweetspot

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



32.1571, 32.2222, 40.1224



61.6557, 63.7817, 72.8138



31.6236, 33.4337, 40.3844



13.3478, 13.7468, 15.8874



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



32.1571, 32.2222, 40.1224



56.3664, 55.8897, 71.5693



33.2915, 32.8167, 39.7337



7.0696, 7.0503, 8.8913



8.7091, 3.8962, 27.2228



0.2356, 0.1090, 0.5745

Inverse Universe

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



32.6706, 32.5684, 36.4644



57.4675, 56.6314, 63.7556



31.8809, 35.7552, 34.8999



7.1939, 7.1340, 8.0075



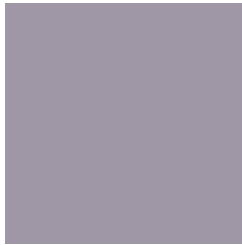
12.6167, 6.4028, 5.1724



0.2886, 0.1439, 0.2323

Previews

White Background



This preview shows how the XYZ color 32.1562, 32.2208, 40.1217 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 32.1562, 32.2208, 40.1217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

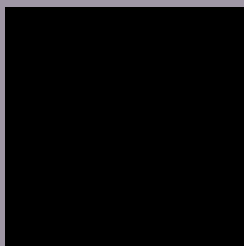
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

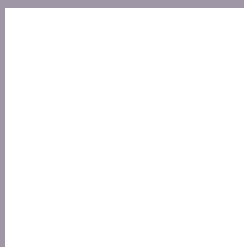
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.1562, 32.2208, 40.1217

Background



This preview shows how black text looks on a background with the XYZ color 32.1562, 32.2208, 40.1217.

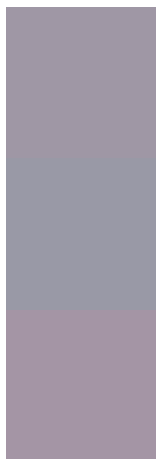


This preview shows how white text looks on a background with the XYZ color 32.1562, 32.2208,

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

32.1562, 32.2208, 40.1217

Protanopia

31.4110, 32.3079, 40.6569

Deuteranopia

32.8488, 32.1040, 40.0627



Tritanopia

31.9755, 32.1485, 39.1703

Trichromacy



Original Color

32.1562, 32.2208, 40.1217

Protanomaly

31.6287, 32.1782, 40.6204

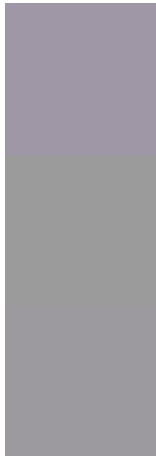
Deuteranomaly

32.5982, 32.2107, 40.0965

Tritanomaly

32.0655, 32.1845, 39.6441

Monochromacy



Original Color

32.1562, 32.2208, 40.1217

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.5239, 32.6823, 37.4477

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1562, 32.2208, 40.1217 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(159, 151, 165)` looks like.

```
.text, #text, p{  
    color:rgb(159, 151, 165)  
}
```

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(159, 151, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 151, 165) }
```

Border

The CSS property to change the border of an element to XYZ 32.1562, 32.2208, 40.1217 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(159, 151, 165) }
```


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

```
.border{ border-color:rgb(159, 151, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 151, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 151, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 151, 165);  
box-shadow:4px 4px 4px 4px rgb(159, 151,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1562, 32.2208, 40.1217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 151, 165) }
```

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

```
.background{ background-color: rgb(159,  
151, 165) }
```

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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