

Converting Colors

XYZ(33.7695, 32.7759, 52.6907)

Have a look what the booklet for
XYZ(33.7695, 32.7759, 52.6907)
contains.

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Color

**XYZ(33.7695, 32.7759,
52.6907)**

Conversions

Conversions Part 1

Format	Color
Hex	9B97BD
RGB	155, 151, 189
RGB Percent	61%, 59%, 74%
CMY	0.3921, 0.4078, 0.2588
CMYK	0.18, 0.20, 0.00, 0.26
HSL	246°, 22%, 67%
HSV	246°, 20%, 74%
XYZ	33.7695, 32.7759, 52.6907
YIQ	156.5280, -9.8140, 12.6660

Conversions

Conversions Part 2

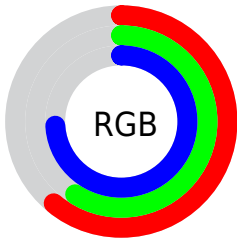
Format	Color
R _Y B	155, 151, 189
Decimal	10196925
CIE Lab	63.98, 9.39, -19.12
CIE LCh	64, 21.308, 296.162
Yxy	32.7759, 0.2832, 0.2749
Android (android.graphics.Color)	4288387005 (0xFF9B97BD)
YUV	156.5280, 16.0087, -1.3401
Hunter-Lab	57.2502, 5.1017, -14.4928

Details

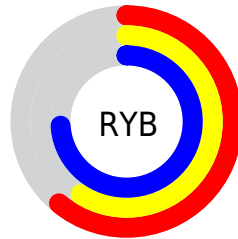
The XYZ color **33.7695, 32.7759, 52.6907** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.7922, 48.9447, 36.4188**, and the grayscale version is **31.7705, 33.4250, 36.3999**.

A 20% lighter version of the original color is **64.8911, 63.9569, 95.3110**, and **14.5946, 13.7755, 25.1823** is the 20% darker color. If you saturate the color by 10%, you get **27.9470, 25.6158, 51.6161**, and if you desaturate by 10%, it is **40.5363, 41.1483, 53.9506**.

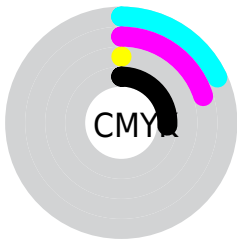
Distribution



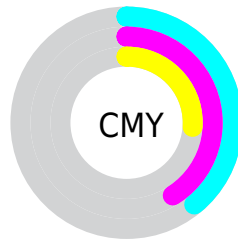
- Red (61%)
- Green (59%)
- Blue (74%)



- Red (61%)
- Yellow (59%)
- Blue (74%)



- Cyan (18%)
- Magenta (20%)
- Yellow (0%)
- Black (26%)



- Cyan (39%)
- Magenta (41%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.7695, 32.7759, 52.6907 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 33.7695, 32.7759, 52.6907 by changing the saturation by 10% instead.

■ 33.7695, 32.7759,
52.6907

■ 33.7695, 32.7759,
52.6907

310.7071,
314.6387, 414.1299

■ 22.8786, 21.9548,
37.1699

■ 64.9217, 64.0255,
95.5860

■ 14.6241, 13.8237,
25.0422

■ 85.9138, 85.2228,
123.7976

■ 8.6406, 7.9982,
15.8892

111.0037,
110.6477, 157.0765

■ 4.5627, 4.0938,
9.2923

140.5567,
140.6844, 195.8413

■ 2.0252, 1.7262,
4.8329

174.9381,
175.7175, 240.5105

■ 0.6480, 0.4405,
2.0925

214.5135,

■ 0.0000, 0.0000,

216.1313, 291.5026

0.6113

259.6480,
262.3103, 349.2362

■ 0.0000, 0.0000,
0.0000

■ 33.7695, 32.7759,
52.6907

■ 33.7695, 32.7759,
52.6907

■ 27.9470, 25.6158,
51.6161

■ 40.5363, 41.1483,
53.9506

■ 23.0236, 19.6078,
50.7159

■ 48.2835, 50.7813,
55.4017

■ 18.9553, 14.6927,
49.9816

■ 57.0494, 61.7256,
57.0521

■ 15.6928, 10.8046,
49.4031

■ 66.8690, 74.0278,
58.9091

■ 13.1822, 7.8703,
48.9690

■ 77.7758, 87.7323,
60.9795

■ 11.3624, 5.8066,
48.6666

■ 86.1854, 96.4542,
62.2198

■ 10.1628, 4.5163,
48.4808

■ 9.4717, 3.8217,
48.3832

Harmonies

Analogous

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



30.7675, 32.7759, 54.8696



33.7695, 32.7759, 52.6907



36.2012, 32.7759, 45.7150

Triad

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



33.7695, 32.7759, 52.6907



34.4811, 32.7759, 23.6342



25.7371, 32.7759, 34.5915

Complementary

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



33.7695, 32.7759, 52.6907



43.7922, 48.9447, 36.4188

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.



26.5965, 32.7759, 27.2451



33.7695, 32.7759, 52.6907



31.5408, 32.7759, 21.5950

Square

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



33.7695, 32.7759, 52.6907



36.6302, 32.7759, 28.8788



28.6743, 32.7759, 22.8029



26.2501, 32.7759, 43.4899

Rectangle

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



33.7695, 32.7759, 52.6907



37.1048, 32.7759, 39.7923



28.6743, 32.7759, 22.8029



25.8735, 32.7759, 31.8750

Sweetspot

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



33.7705, 32.7772, 52.6914



77.9466, 80.3349, 97.6242



39.3396, 45.0360, 54.7641



16.5713, 17.0386, 20.9580



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



33.7705, 32.7772, 52.6914



55.8166, 52.9550, 93.5057



37.6640, 34.7844, 52.8737



9.1072, 9.2721, 11.9819



6.4049, 2.5879, 32.5548



0.2824, 0.1176, 1.2767

Inverse Universe

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



40.8109, 36.4561, 50.7861



70.6790, 60.7240, 89.3610



39.5524, 46.7590, 36.2204



9.8855, 9.6785, 11.7862



18.9625, 9.2161, 26.1596



0.7554, 0.3660, 1.0909

Previews

White Background



This preview shows how the XYZ color 33.7695, 32.7759, 52.6907 looks on a white background.

Color Contrast Check

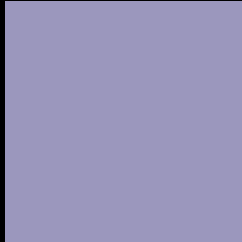
Large Text (above 18pt) WCAG AA × Fail

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 33.7695, 32.7759, 52.6907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

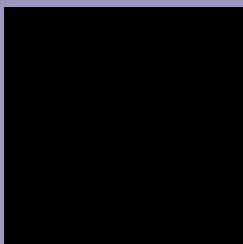
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.7695, 32.7759, 52.6907

Background



This preview shows how black text looks on a background with the XYZ color 33.7695, 32.7759, 52.6907.



This preview shows how white text looks on a background with the XYZ color 33.7695, 32.7759,

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

33.7695, 32.7759, 52.6907

Protanopia

32.6493, 32.6550, 53.8725

Deuteranopia

33.5504, 32.9029, 52.7267



Tritanopia

31.4589, 32.8120, 41.2345

Trichromacy



Original Color

33.7695, 32.7759, 52.6907

Protanomaly

32.9169, 32.5637, 53.2657

Deuteranomaly

33.7400, 33.0006, 52.7356

Tritanomaly

32.2424, 32.8817, 45.2049

Monochromacy



Original Color

33.7695, 32.7759, 52.6907

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.5931, 33.3752, 42.2603

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.7695, 32.7759, 52.6907 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(155, 151, 189)` looks like.

```
.text, #text, p{  
    color:rgb(155, 151, 189)  
}
```

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(155, 151, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 151, 189) }
```

Border

The CSS property to change the border of an element to XYZ 33.7695, 32.7759, 52.6907 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(155, 151, 189) }
```


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

```
.border{ border-color:rgb(155, 151, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 151, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 151, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 151, 189);  
box-shadow:4px 4px 4px 4px rgb(155, 151,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 33.7695, 32.7759, 52.6907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 151, 189) }
```

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

```
.background{ background-color: rgb(155,  
151, 189) }
```

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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