

Converting Colors

XYZ(31.2904, 32.2262, 30.5577)

Have a look what the booklet for
XYZ(31.2904, 32.2262, 30.5577)
contains.

XYZ(31.2904, 32.2262, 30.5577)	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(31.2904, 32.2262,
30.5577)**

Conversions

Conversions Part 1

Format	Color
Hex	A3988F
RGB	163, 152, 143
RGB Percent	64%, 60%, 56%
CMY	0.3608, 0.4039, 0.4392
CMYK	0.00, 0.07, 0.12, 0.36
HSL	27°, 10%, 60%
HSV	27°, 12%, 64%
XYZ	31.2904, 32.2262, 30.5577
YIQ	154.2630, 9.4450, -0.4670

Conversions

Conversions Part 2

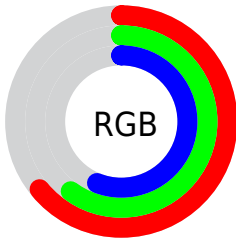
Format	Color
R _Y B	163, 159, 143
Decimal	10721423
CIE Lab	63.53, 2.45, 6.18
CIE LCh	64, 6.643, 68.395
Yxy	32.2262, 0.3326, 0.3426
Android (android.graphics.Color)	4288911503 (0xFFA3988F)
YUV	154.2630, -5.5527, 7.6623
Hunter-Lab	56.7681, -0.9556, 7.8225

Details

The XYZ color **31.2904, 32.2262, 30.5577** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.4940, 31.5945, 39.1944**, and the grayscale version is **30.8521, 32.4589, 35.3477**.

A 20% lighter version of the original color is **61.0628, 63.0793, 61.7805**, and **13.1850, 13.4772, 12.2624** is the 20% darker color. If you saturate the color by 10%, you get **28.7444, 28.9686, 24.0532**, and if you desaturate by 10%, it is **34.1276, 35.7783, 38.0453**.

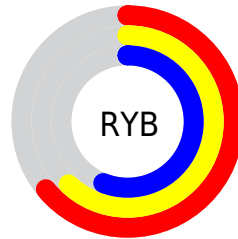
Distribution



Red (64%)

Green (60%)

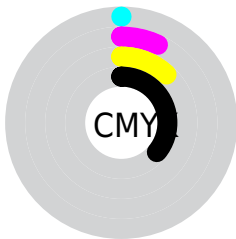
Blue (56%)



Red (64%)

Yellow (62%)

Blue (56%)

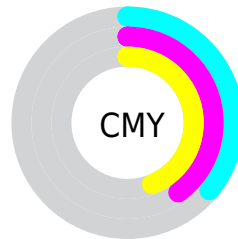


Cyan (0%)

Magenta (7%)

Yellow (12%)

Black (36%)



Cyan (36%)

Magenta (40%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.2904, 32.2262, 30.5577 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 31.2904, 32.2262, 30.5577 by changing the saturation by 10% instead.

■ 31.2904, 32.2262,
30.5577

■ 31.2904, 32.2262,
30.5577

299.6770,
312.1484, 318.7833

■ 20.9730, 21.5343,
20.0066

■ 61.0697, 63.1655,
61.6144

■ 13.2166, 13.5151,
12.2158

■ 81.2624, 84.1818,
82.9572

■ 7.6559, 7.7842,
6.7665

105.4774,
109.4083, 108.7343

■ 3.9255, 3.9572,
3.2403

134.0803,
139.2294, 139.3642

■ 1.6601, 1.6496,
1.2186

167.4364,
174.0296, 175.2655

■ 0.4311, 0.3907,
0.0000

205.9109,

■ 0.0000, 0.0000,

214.1932, 216.8568

0.0000

249.8693,
260.1047, 264.5565

■ 31.2904, 32.2262,
30.5577

■ 31.2904, 32.2262,
30.5577

■ 28.7444, 28.9686,
24.0532

■ 34.1276, 35.7783,
38.0453

■ 26.4768, 25.9933,
18.4883

■ 37.2628, 39.6282,
46.5528

■ 24.4778, 23.2935,
13.8194

■ 40.7061, 43.7845,
56.1177

■ 22.7357, 20.8604,
9.9985

■ 44.4662, 48.2544,
66.7749

■ 21.2380, 18.6846,
6.9731

■ 48.5514, 53.0445,
78.5577

■ 19.9712, 16.7562,
4.6846

■ 52.9698, 58.1613,
91.4981

■ 18.9196, 15.0643,
3.0665

■ 57.3887, 63.4752,
103.8350

■ 18.0656, 13.5968,
2.0397

■ 59.7301, 68.1581,
104.6155

■ 17.5118, 12.6014,
1.5093

■ 62.1984, 73.0948,
105.4382

Harmonies

Analogous

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



32.0470, 32.2262, 32.0158



31.2904, 32.2262, 30.5577



30.3708, 32.2262, 30.2816

Triad

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



31.2904, 32.2262, 30.5577



28.9020, 32.2262, 35.8387



31.7494, 32.2262, 39.2395

Complementary

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



31.2904, 32.2262, 30.5577



29.4940, 31.5945, 39.1944

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.



30.8907, 32.2262, 40.3797



31.2904, 32.2262, 30.5577



29.2555, 32.2262, 38.3525

Square

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



31.2904, 32.2262, 30.5577



29.0041, 32.2262, 33.2443



29.9790, 32.2262, 40.0472



32.3156, 32.2262, 37.0004

Rectangle

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



31.2904, 32.2262, 30.5577



29.7910, 32.2262, 30.7911



29.9790, 32.2262, 40.0472



31.4847, 32.2262, 39.7690

Sweetspot

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



31.2913, 32.2276, 30.5584



60.1637, 62.8889, 65.5828



30.7598, 29.7650, 34.6962



13.4271, 14.0183, 14.5023



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.



31.2913, 32.2276, 30.5584



54.6139, 55.9065, 51.0405



32.9828, 35.6106, 31.1222



7.3240, 7.5865, 7.4584



13.6540, 9.8820, 1.1878



0.3339, 0.3016, 0.0406

Inverse Universe

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



29.4940, 31.5945, 39.1944



50.6870, 54.5228, 69.9086



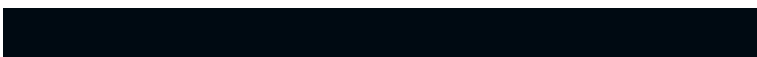
27.9122, 28.4310, 38.6671



7.0081, 7.4752, 8.9766



8.0005, 7.7805, 28.0099



0.2145, 0.2562, 0.6040

Previews

White Background



This preview shows how the XYZ color 31.2904, 32.2262, 30.5577 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 31.2904, 32.2262, 30.5577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

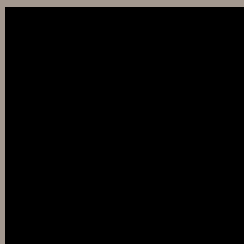
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

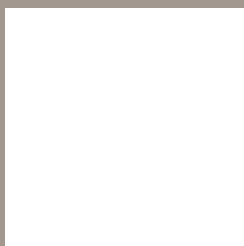
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.2904, 32.2262, 30.5577

Background



This preview shows how black text looks on a background with the XYZ color 31.2904, 32.2262, 30.5577.

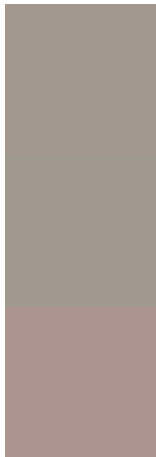


This preview shows how white text looks on a background with the XYZ color 31.2904, 32.2262,

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

31.2904, 32.2262, 30.5577

Protanopia

30.7233, 32.1670, 30.9751

Deuteranopia

32.7947, 32.2792, 30.8876



Tritanopia

32.6975, 32.0674, 38.1845

Trichromacy



Original Color

31.2904, 32.2262, 30.5577

Protanomaly

30.9225, 32.2697, 30.9844

Deuteranomaly

32.3026, 32.2613, 30.9101

Tritanomaly

32.0489, 32.0383, 35.0667

Monochromacy



Original Color

31.2904, 32.2262, 30.5577

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.8009, 32.1526, 33.4368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.2904, 32.2262, 30.5577 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(163, 152, 143)` looks like.

```
.text, #text, p{  
    color:rgb(163, 152, 143)  
}
```

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(163, 152, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 152, 143) }
```

Border

The CSS property to change the border of an element to XYZ 31.2904, 32.2262, 30.5577 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(163, 152, 143) }
```


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

```
.border{ border-color:rgb(163, 152, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 152, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 152, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 152, 143); box-shadow:4px 4px 4px 4px rgb(163, 152, 143) }
```

Background

The CSS property to change the background color of an element to XYZ 31.2904, 32.2262, 30.5577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 152, 143) }
```

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

```
.background{ background-color: rgb(163,  
152, 143) }
```

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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