

Converting Colors

XYZ(32.5025, 39.1017, 21.6078)

Have a look what the booklet for
XYZ(32.5025, 39.1017, 21.6078)
contains.

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Color

**XYZ(32.6653, 39.2458,
21.7731)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 9FAF72 |
| RGB | 159, 175, 114 |
| RGB Percent | 62%, 69%, 45% |
| CMY | 0.3765, 0.3137, 0.5529 |
| CMYK | 0.09, 0.00, 0.35, 0.31 |
| HSL | 76°, 28%, 57% |
| HSV | 76°, 35%, 69% |
| XYZ | 32.6653, 39.2458, 21.7731 |
| YIQ | 163.2620, 10.0450, -22.3630 |

Conversions

Conversions Part 2

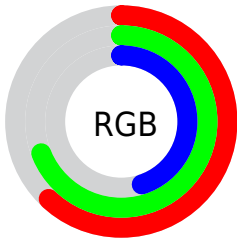
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 114, 175, 130 |
| Decimal | 10465138 |
| CIELab | 68.93, -15.84, 29.47 |
| CIELCh | 69, 33.463, 118.259 |
| Yxy | 39.2458, 0.3487, 0.4189 |
| Android (android.graphics.Color) | 4288655218 (0xFF9FAF72) |
| YUV | 163.2620, -24.2862, -3.7378 |
| Hunter-Lab | 62.6465, -16.5573, 23.2460 |

Details

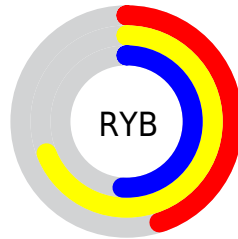
The XYZ color **32.6653, 39.2458, 21.7731** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **22.9626, 19.8766, 43.1860**, and the grayscale version is **35.0454, 36.8704, 40.1519**.

A 20% lighter version of the original color is **63.1904, 74.2011, 47.0682**, and **14.1005, 17.6734, 7.6692** is the 20% darker color. If you saturate the color by 10%, you get **30.8697, 38.4257, 16.9776**, and if you desaturate by 10%, it is **34.6873, 40.1631, 27.5756**.

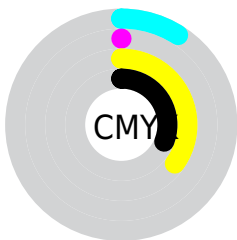
Distribution



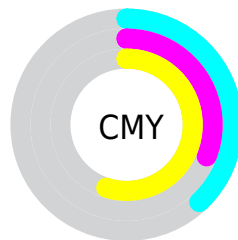
- Red (62%)
- Green (69%)
- Blue (45%)



- Red (45%)
- Yellow (69%)
- Blue (51%)



- Cyan (9%)
- Magenta (0%)
- Yellow (35%)
- Black (31%)





- Cyan (38%)
- Magenta (31%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.6653, 39.2458, 21.7731 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 32.6653, 39.2458, 21.7731 by changing the saturation by 10% instead.


 32.6653, 39.2458,
21.7731


 32.6653, 39.2458,
21.7731


305.8306,
342.9344, 274.2738


 22.0282, 26.9510,
13.4936


 63.2108, 74.0137,
47.2681


 13.9943, 17.5364,
7.6346


 83.8499, 97.2555,
65.3206

 8.1984, 10.6177,
3.7776


 108.5537,
124.9152, 87.4678

 4.2750, 5.8104,
1.5042

 137.6875,
157.3770, 114.1283

 1.8589, 2.7301,
0.2210

171.6168,
195.0255, 145.7206

 0.5528, 0.9925,
0.0000

210.7068,

 0.0000, 0.0000,

238.2450, 182.6633

0.0000

255.3230,
287.4198, 225.3748

■ 32.6653, 39.2458,
21.7731

■ 32.6653, 39.2458,
21.7731

■ 30.8697, 38.4257,
16.9776

■ 34.6873, 40.1631,
27.5756

■ 29.2863, 37.6929,
13.1292

■ 36.9432, 41.1766,
34.4356

■ 27.9036, 37.0443,
10.1655


■ 39.4437, 42.2918,
42.4030


■ 26.7080, 36.4743,
8.0154


■ 42.1977, 43.5126,
51.5240


■ 25.6833, 35.9764,
6.5973


■ 45.2140, 44.8423,
61.8420


 24.8104, 35.5429,
5.8112

 48.5007, 46.2842,
73.3983

 24.3980, 35.3359,
5.5346

 52.0655, 47.8416,
86.2322

 55.9160, 49.5174,
100.3811

 57.2863, 50.2054,
101.2790

Harmonies

Analogous

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



37.6136, 39.2458, 19.6288



32.6653, 39.2458, 21.7731



29.2612, 39.2458, 29.0985

Triad

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



32.6653, 39.2458, 21.7731



32.1751, 39.2458, 72.8025



48.4893, 39.2458, 43.6281

Complementary

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



32.6653, 39.2458, 21.7731



22.9626, 19.8766, 43.1860

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.



46.6953, 39.2458, 60.0712



32.6653, 39.2458, 21.7731



36.9921, 39.2458, 79.2129

Square

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



32.6653, 39.2458, 21.7731



28.9977, 39.2458, 58.1576



42.3578, 39.2458, 74.0793



47.0571, 39.2458, 30.3080

Rectangle

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



32.6653, 39.2458, 21.7731



28.1562, 39.2458, 37.0436



42.3578, 39.2458, 74.0793



48.2405, 39.2458, 48.9748

Sweetspot

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



32.6663, 39.2475, 21.7739



68.2027, 74.6542, 68.1023



28.6011, 26.0965, 19.4498



15.0231, 16.5321, 14.7060



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



32.6663, 39.2475, 21.7739



55.9367, 69.1152, 32.0900



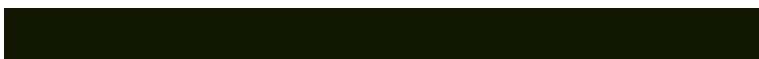
27.4598, 36.5635, 21.5303



8.4545, 9.2229, 8.5480



17.5312, 25.3347, 3.9661



0.5353, 0.7293, 0.1126

Inverse Universe

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



22.9626, 19.8766, 43.1860



35.8937, 29.0777, 76.3576



28.2038, 22.5786, 43.4313



7.7686, 7.8550, 10.0594



6.3960, 2.6571, 29.2203



0.2295, 0.1005, 0.8153

Previews

White Background



This preview shows how the XYZ color 32.6653, 39.2458, 21.7731 looks on a white background.

Color Contrast Check

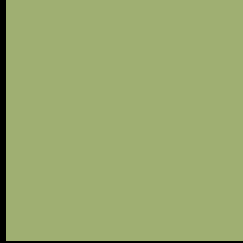
Large Text (above 18pt) WCAG AA × Fail

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 32.6653, 39.2458, 21.7731 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 32.6653, 39.2458, 21.7731

Background



This preview shows how black text looks on a background with the XYZ color 32.6653, 39.2458, 21.7731.



This preview shows how white text looks on a background with the XYZ color 32.6653, 39.2458,

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

32.6653, 39.2458, 21.7731

Protanopia

36.1633, 39.0980, 20.6796

Deuteranopia

39.7752, 39.0535, 22.2713



Tritanopia

38.2054, 39.2576, 48.7438

Trichromacy



Original Color

32.6653, 39.2458, 21.7731

Protanomaly

34.9431, 39.2943, 21.0721

Deuteranomaly

36.7962, 38.8477, 22.0820

Tritanomaly

35.8925, 39.1491, 37.1173

Monochromacy



Original Color

32.6653, 39.2458, 21.7731

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

33.8298, 37.3631, 32.2168

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6653, 39.2458, 21.7731 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, 175, 114)` looks like.

```
.text, #text, p{  
    color:rgb(159, 175, 114)  
}
```

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, 175, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 175, 114) }
```

Border

The CSS property to change the border of an element to XYZ 32.6653, 39.2458, 21.7731 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, 175, 114) }
```


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

```
.border{ border-color:rgb(159, 175, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 175, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 175, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 175, 114);  
box-shadow:4px 4px 4px 4px rgb(159, 175,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6653, 39.2458, 21.7731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 175, 114) }
```

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

```
.background{ background-color: rgb(159,  
175, 114) }
```

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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