

Converting Colors

XYZ(39.4986, 33.2591, 22.5266)

Have a look what the booklet for
XYZ(39.4986, 33.2591, 22.5266)
contains.

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Color

**XYZ(39.5482, 33.2688,
22.4263)**

Conversions

Conversions Part 1

Format	Color
Hex	D48979
RGB	212, 137, 121
RGB Percent	83%, 54%, 47%
CMY	0.1686, 0.4627, 0.5255
CMYK	0.00, 0.35, 0.43, 0.17
HSL	11°, 51%, 65%
HSV	11°, 43%, 83%
XYZ	39.5482, 33.2688, 22.4263
YIQ	157.6010, 49.8360, 10.9240

Conversions

Conversions Part 2

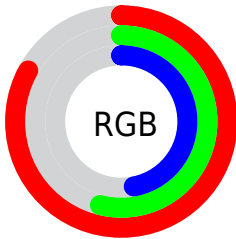
Format	Color
RYB	212, 140, 121
Decimal	13928825
CIELab	64.38, 26.82, 20.47
CIELCh	64, 33.741, 37.351
Yxy	33.2688, 0.4152, 0.3493
Android (android.graphics.Color)	4292118905 (0xFFD48979)
YUV	157.6010, -18.0443, 47.7079
Hunter-Lab	57.6791, 21.4517, 17.3227

Details

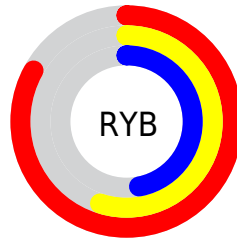
The XYZ color **39.5482, 33.2688, 22.4263** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **39.5079, 48.2963, 69.5271**, and the grayscale version is **32.3827, 34.0692, 37.1013**.

A 20% lighter version of the original color is **67.4136, 61.5387, 47.8602**, and **18.0151, 14.0920, 7.9014** is the 20% darker color. If you saturate the color by 10%, you get **36.1025, 28.2344, 15.5532**, and if you desaturate by 10%, it is **43.6834, 39.2251, 30.9393**.

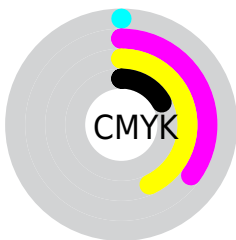
Distribution



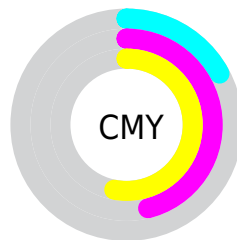
- Red (83%)
- Green (54%)
- Blue (47%)



- Red (83%)
- Yellow (55%)
- Blue (47%)



- Cyan (0%)
- Magenta (35%)
- Yellow (43%)
- Black (17%)





- Cyan (17%)
- Magenta (46%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5482, 33.2688, 22.4263 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 39.5482, 33.2688, 22.4263 by changing the saturation by 10% instead.


 39.5482, 33.2688,
22.4263


 39.5482, 33.2688,
22.4263


335.3828,
316.8592, 277.7903

 27.3691, 22.3324,
13.9692


 73.7638, 64.7950,
48.3608

 17.9886, 14.1014,
7.9607


 96.5309, 86.1536,
66.6752

 11.0415, 8.1912,
3.9824


 123.5582,
111.7550, 89.1124

 6.1622, 4.2175,
1.6157

155.2108,
141.9838, 116.0911

 2.9856, 1.7960,
0.3020

191.8543,
177.2242, 148.0296

 1.1461, 0.4847,
0.0000

233.8538,

 0.0632, 0.0000,

217.8606, 185.3467

0.0000

281.5749,
264.2775, 228.4607

■ 0.0000, 0.0000,
0.0000

■ 39.5482, 33.2688,
22.4263

■ 39.5482, 33.2688,
22.4263

■ 36.1025, 28.2344,
15.5532

■ 43.6834, 39.2251,
30.9393

■ 33.3057, 24.0708,
10.2120

■ 48.5409, 46.1412,
41.1869

■ 31.1163, 20.7293,
6.2847

■ 54.1543, 54.0591,
53.2587

■ 29.4871, 18.1542,
3.6352

■ 60.5543, 63.0166,
67.2378

■ 28.3632, 16.2828,
2.1000

■ 67.7699, 73.0497,
83.2020

■ 27.8218, 15.3380,
1.4942

■ 75.8286, 84.1925,
101.2248

■ 80.9613, 92.7370,
108.2407

Harmonies

Analogous

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



41.6970, 33.2688, 32.9432



39.5482, 33.2688, 22.4263



35.3137, 33.2688, 16.8818

Triad

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



39.5482, 33.2688, 22.4263



23.8383, 33.2688, 26.9607



32.8178, 33.2688, 69.3112

Complementary

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



39.5482, 33.2688, 22.4263



39.5079, 48.2963, 69.5271

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.



28.1951, 33.2688, 66.5393



39.5482, 33.2688, 22.4263



23.3149, 33.2688, 39.7158

Square

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



39.5482, 33.2688, 22.4263



26.3407, 33.2688, 18.9995



24.8309, 33.2688, 54.7640



37.5636, 33.2688, 61.5900

Rectangle

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



39.5482, 33.2688, 22.4263



32.0499, 33.2688, 15.7009



24.8309, 33.2688, 54.7640



31.1959, 33.2688, 69.6032

Sweetspot

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



39.5490, 33.2704, 22.4269



82.0602, 81.8369, 80.4729



44.0478, 31.6957, 56.5196



17.1366, 16.9150, 16.2992



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



39.5490, 33.2704, 22.4269



55.0136, 43.1469, 23.9712



47.2624, 48.6972, 24.9981



12.5981, 12.7704, 12.9616



17.2274, 9.5721, 0.9396



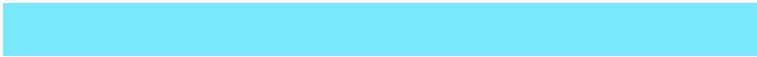
1.0938, 0.6867, 0.0749

Inverse Universe

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



39.5079, 48.2963, 69.5271



54.8991, 68.9195, 105.0170



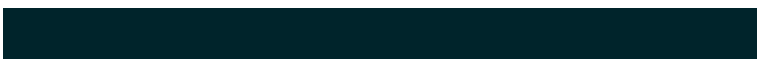
30.8894, 31.0594, 66.6542



12.5978, 13.7189, 15.9216



16.8321, 21.9259, 41.7981



1.0651, 1.4222, 2.5377

Previews

White Background



This preview shows how the XYZ color 39.5482, 33.2688, 22.4263 looks on a white background.

Color Contrast Check

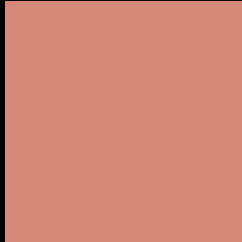
Large Text (above 18pt) WCAG AA × Fail

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 39.5482, 33.2688, 22.4263 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 39.5482, 33.2688, 22.4263

Background



This preview shows how black text looks on a background with the XYZ color 39.5482, 33.2688, 22.4263.



This preview shows how white text looks on a background with the XYZ color 39.5482, 33.2688,

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

39.5482, 33.2688, 22.4263

Protanopia

31.4348, 33.3880, 25.9068

Deuteranopia

34.0033, 33.3349, 22.0949



Tritanopia

41.2907, 33.3600, 30.6484

Trichromacy



Original Color

39.5482, 33.2688, 22.4263

Protanomaly

33.8696, 32.9723, 24.6578

Deuteranomaly

35.7637, 33.0762, 22.2687

Tritanomaly

40.5485, 33.2517, 27.5736

Monochromacy



Original Color

39.5482, 33.2688, 22.4263

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

34.3773, 33.3220, 31.4080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5482, 33.2688, 22.4263 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(212, 137, 121)` looks like.

```
.text, #text, p{  
    color:rgb(212, 137, 121)  
}
```

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(212, 137, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 137, 121) }
```

Border

The CSS property to change the border of an element to XYZ 39.5482, 33.2688, 22.4263 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(212, 137, 121) }
```


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

```
.border{ border-color:rgb(212, 137, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 137, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 137, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 137, 121);  
box-shadow:4px 4px 4px 4px rgb(212, 137,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5482, 33.2688, 22.4263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 137, 121) }
```

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

```
.background{ background-color: rgb(212,  
137, 121) }
```

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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