

Converting Colors

XYZ(34.0794, 33.8663, 22.9850)

Have a look what the booklet for
XYZ(34.0794, 33.8663, 22.9850)
contains.

XYZ(33.9708, 33.7820, 22.8193)	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(33.9708, 33.7820,
22.8193)**

Conversions

Conversions Part 1

Format	Color
Hex	B69879
RGB	182, 152, 121
RGB Percent	71%, 60%, 47%
CMY	0.2863, 0.4039, 0.5255
CMYK	0.00, 0.16, 0.34, 0.29
HSL	30°, 29%, 59%
HSV	30°, 34%, 71%
XYZ	33.9708, 33.7820, 22.8193
YIQ	157.4360, 27.8310, -3.2810

Conversions

Conversions Part 2

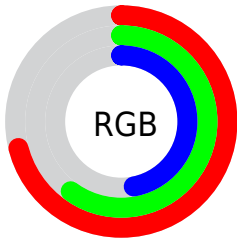
Format	Color
RYB	180, 182, 121
Decimal	11966585
CIELab	64.79, 6.61, 20.49
CIElCh	65, 21.531, 72.135
Yxy	33.7820, 0.3751, 0.3730
Android (android.graphics.Color)	4290156665 (0xFFB69879)
YUV	157.4360, -17.9629, 21.5426
Hunter-Lab	58.1223, 2.6141, 17.4078

Details

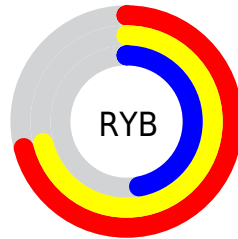
The XYZ color **33.9708, 33.7820, 22.8193** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **27.3949, 29.5746, 48.5206**, and the grayscale version is **32.3147, 33.9976, 37.0233**.

A 20% lighter version of the original color is **65.3079, 65.5493, 49.2546**, and **14.7255, 14.3644, 8.1274** is the 20% darker color. If you saturate the color by 10%, you get **31.5603, 30.5818, 17.0192**, and if you desaturate by 10%, it is **36.7032, 37.2888, 29.7663**.

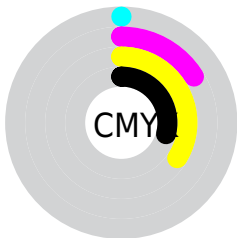
Distribution



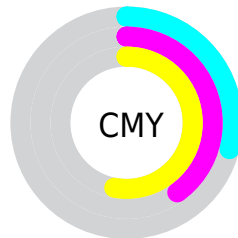
- Red (71%)
- Green (60%)
- Blue (47%)



- Red (71%)
- Yellow (71%)
- Blue (47%)



- Cyan (0%)
- Magenta (16%)
- Yellow (34%)
- Black (29%)



- Cyan (29%)
- Magenta (40%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.9708, 33.7820, 22.8193 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 33.9708, 33.7820, 22.8193 by changing the saturation by 10% instead.

■ 33.9708, 33.7820,
22.8193

■ 33.9708, 33.7820,
22.8193

311.5900,
319.1589, 279.8873

■ 23.0340, 22.7262,
14.2561

■ 65.2328, 65.5945,
49.0159

■ 14.7394, 14.3914,
8.1582

■ 86.2888, 87.1200,
67.4863

■ 8.7218, 8.3934,
4.1071

■ 111.4484,
112.9042, 90.0963

■ 4.6158, 4.3477,
1.6843

141.0771,
143.3314, 117.2642

■ 2.0561, 1.8699,
0.3499

175.5403,
178.7861, 149.4088

■ 0.6652, 0.5302,
0.0000

215.2033,

■ 0.0000, 0.0000,

219.6526, 186.9485

0.0000

260.4314,
266.3154, 230.3018

■ 33.9708, 33.7820,
22.8193

■ 33.9708, 33.7820,
22.8193

■ 31.5603, 30.5818,
17.0192

■ 36.7032, 37.2888,
29.7663

■ 29.4550, 27.6740,
12.3007

■ 39.7683, 41.1066,
37.9166

■ 27.6400, 25.0499,
8.5948

■ 43.1792, 45.2454,
47.3253

■ 26.0982, 22.6985,
5.8239

■ 46.9479, 49.7136,
58.0433

■ 24.8102, 20.6078,
3.8984

■ 51.0854, 54.5190,
70.1190

■ 23.7530, 18.7640,
2.7114

■ 55.6024, 59.6691,
83.5980

■ 23.1623, 17.6869,
2.1931

■ 60.5090, 65.1712,
98.5239

■ 63.8902, 70.2626,
104.8024

■ 66.3535, 75.1893,
105.6235

Harmonies

Analogous

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



36.7311, 33.7820, 26.4851



33.9708, 33.7820, 22.8193



30.8729, 33.7820, 22.4998

Triad

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



33.9708, 33.7820, 22.8193



26.6308, 33.7820, 40.4864



36.2726, 33.7820, 50.9375

Complementary

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



33.9708, 33.7820, 22.8193



27.3949, 29.5746, 48.5206

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.



33.3772, 33.7820, 56.1063



33.9708, 33.7820, 22.8193



27.8915, 33.7820, 49.4541

Square

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



33.9708, 33.7820, 22.8193



26.7671, 33.7820, 31.7943



30.3161, 33.7820, 55.5235



38.1177, 33.7820, 42.2677

Rectangle

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



33.9708, 33.7820, 22.8193



29.0438, 33.7820, 24.1468



30.3161, 33.7820, 55.5235



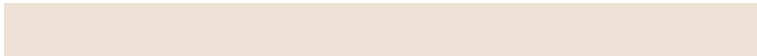
35.3822, 33.7820, 53.2002

Sweetspot

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



33.9717, 33.7836, 22.8200



74.0982, 76.9715, 74.1923



31.7556, 25.8708, 32.8117



16.1792, 16.7727, 15.8758



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



33.9717, 33.7836, 22.8200



58.4022, 57.0375, 33.6367



39.4706, 44.7815, 24.6530



9.3718, 9.7465, 9.4942



16.4237, 12.6237, 1.5710



0.6408, 0.5686, 0.0760

Inverse Universe

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



27.3949, 29.5746, 48.5206



44.6971, 48.2675, 87.1965



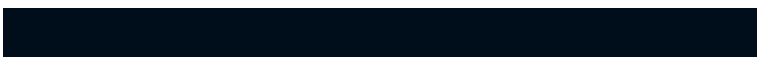
23.1664, 21.1175, 47.1111



8.8759, 9.4291, 11.4316



8.5810, 7.6217, 32.2719



0.3645, 0.3926, 1.1583

Previews

White Background



This preview shows how the XYZ color 33.9708, 33.7820, 22.8193 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 33.9708, 33.7820, 22.8193 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 33.9708, 33.7820, 22.8193

Background



This preview shows how black text looks on a background with the XYZ color 33.9708, 33.7820, 22.8193.



This preview shows how white text looks on a background with the XYZ color 33.9708, 33.7820,

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

33.9708, 33.7820, 22.8193

Protanopia

31.7806, 33.8688, 23.6012

Deuteranopia

34.5254, 33.8280, 22.7989



Tritanopia

36.8550, 33.7752, 36.9245

Trichromacy



Original Color

33.9708, 33.7820, 22.8193

Protanomaly

32.4678, 33.7321, 23.2121

Deuteranomaly

34.2850, 33.7040, 22.7877

Tritanomaly

35.8659, 33.8535, 31.4321

Monochromacy



Original Color

33.9708, 33.7820, 22.8193

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.4813, 33.5633, 31.1520

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.9708, 33.7820, 22.8193 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(182, 152, 121)` looks like.

```
.text, #text, p{  
    color:rgb(182, 152, 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(182, 152, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 152, 121) }
```

Border

The CSS property to change the border of an element to XYZ 33.9708, 33.7820, 22.8193 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(182, 152, 121) }
```


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

```
.border{ border-color:rgb(182, 152, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 152, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 152, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 152, 121);  
box-shadow:4px 4px 4px 4px rgb(182, 152,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 33.9708, 33.7820, 22.8193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 152, 121) }
```

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

```
.background{ background-color: rgb(182,  
152, 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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