

Converting Colors

XYZ(32.7034, 35.5033, 22.5620)

Have a look what the booklet for
XYZ(32.7034, 35.5033, 22.5620)
contains.

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Color

**XYZ(32.6522, 35.3677,
22.5585)**

Conversions

Conversions Part 1

Format	Color
Hex	AAA177
RGB	170, 161, 119
RGB Percent	67%, 63%, 47%
CMY	0.3333, 0.3686, 0.5333
CMYK	0.00, 0.05, 0.30, 0.33
HSL	49°, 23%, 57%
HSV	49°, 30%, 67%
XYZ	32.6522, 35.3677, 22.5585
YIQ	158.9030, 18.8460, -11.1540

Conversions

Conversions Part 2

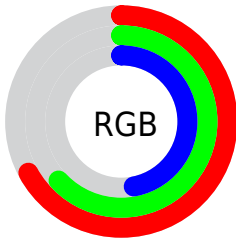
Format	Color
RYB	130, 170, 119
Decimal	11182455
CIELab	66.03, -3.41, 23.09
CIELCh	66, 23.344, 98.404
Yxy	35.3677, 0.3605, 0.3905
Android (android.graphics.Color)	4289372535 (0xFFAAA177)
YUV	158.9030, -19.6722, 9.7321
Hunter-Lab	59.4707, -6.0690, 19.1396

Details

The XYZ color **32.6522, 35.3677, 22.5585** is a light color, and the websafe version is hex **999966**. A complement of this color would be **22.5825, 22.2620, 41.1370**, and the grayscale version is **32.9921, 34.7103, 37.7995**.

A 20% lighter version of the original color is **63.2706, 68.2208, 48.3613**, and **14.0175, 15.3760, 8.0234** is the 20% darker color. If you saturate the color by 10%, you get **31.2038, 33.9611, 17.4813**, and if you desaturate by 10%, it is **34.2976, 36.8757, 28.6032**.

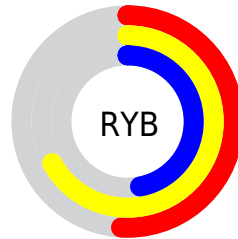
Distribution



Red (67%)

Green (63%)

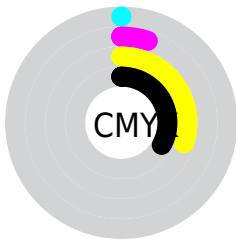
Blue (47%)



Red (51%)

Yellow (67%)

Blue (47%)

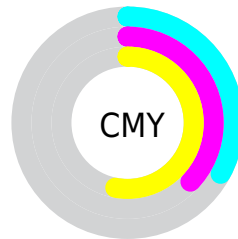


Cyan (0%)

Magenta (5%)

Yellow (30%)

Black (33%)



Cyan (33%)

Magenta (37%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6522, 35.3677, 22.5585 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 32.6522, 35.3677, 22.5585 by changing the saturation by 10% instead.

■ 32.6522, 35.3677,
22.5585

■ 32.6522, 35.3677,
22.5585

305.7724,
326.1884, 278.4972

■ 22.0181, 23.9463,
14.0656

■ 63.1905, 68.0550,
48.5813

■ 13.9869, 15.2938,
8.0270

■ 83.8253, 90.0897,
66.9484

■ 8.1932, 9.0258,
4.0242

■ 108.5245,
116.4308, 89.4439

■ 4.2717, 4.7580,
1.6387

137.6534,
147.4629, 116.4864

■ 1.8569, 2.1060,
0.3182

171.5772,
183.5703, 148.4944

■ 0.5516, 0.6680,
0.0000

210.6614,

■ 0.0000, 0.0000,

225.1374, 185.8865

0.0000

255.2714,
272.5487, 229.0813

■ 32.6522, 35.3677,
22.5585

■ 32.6522, 35.3677,
22.5585

■ 31.2038, 33.9611,
17.4813

■ 34.2976, 36.8757,
28.6032

■ 29.9399, 32.6470,
13.3182

■ 36.1465, 38.4841,
35.6608

■ 28.8506, 31.4227,
10.0137

■ 38.2082, 40.1980,
43.7762

■ 27.9242, 30.2831,
7.5056

■ 40.4908, 42.0207,
52.9914

■ 27.1470, 29.2228,
5.7233

■ 43.0017, 43.9555,
63.3456

■ 26.5031, 28.2352,
4.5835

■ 45.7483, 46.0053,
74.8765

■ 25.9577, 27.3063,
3.9026

■ 48.7374, 48.1730,
87.6198

■ 25.9577, 27.3062,
3.9025

■ 51.9752, 50.4613,
101.6084

■ 52.6091, 51.7292,
101.8197

Harmonies

Analogous

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



36.1265, 35.3677, 23.3616



32.6522, 35.3677, 22.5585



29.6473, 35.3677, 25.4162

Triad

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



32.6522, 35.3677, 22.5585



28.6637, 35.3677, 51.6105



40.1944, 35.3677, 45.9625

Complementary

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



32.6522, 35.3677, 22.5585



22.5825, 22.2620, 41.1370

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.



37.9239, 35.3677, 55.4680



32.6522, 35.3677, 22.5585



31.2245, 35.3677, 59.0989

Square

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



32.6522, 35.3677, 22.5585



27.4502, 35.3677, 41.3641



34.5985, 35.3677, 60.6202



40.6420, 35.3677, 35.7892

Rectangle

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



32.6522, 35.3677, 22.5585



28.2578, 35.3677, 29.3582



34.5985, 35.3677, 60.6202



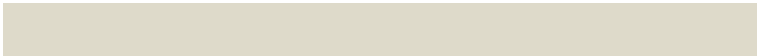
39.6119, 35.3677, 49.3884

Sweetspot

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



32.6531, 35.3693, 22.5592



65.8817, 70.0778, 65.8589



27.0941, 23.3079, 23.6144



14.5794, 15.5321, 14.2502



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



32.6531, 35.3693, 22.5592



57.4575, 62.4544, 34.6115



31.0026, 36.9368, 22.9488



8.0326, 8.5453, 8.0153



19.1311, 20.1595, 2.8829



0.4941, 0.5477, 0.0797

Inverse Universe

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



22.5825, 22.2620, 41.1370



36.2178, 34.8162, 73.8132



23.8687, 21.2598, 40.8758



7.2348, 7.5066, 9.4859



5.7087, 2.8777, 28.2300



0.1689, 0.1301, 0.6968

Previews

White Background



This preview shows how the XYZ color 32.6522, 35.3677, 22.5585 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 32.6522, 35.3677, 22.5585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

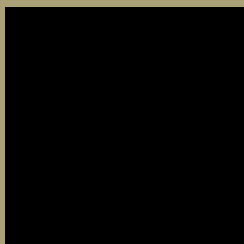
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

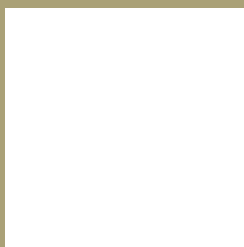
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.6522, 35.3677, 22.5585

Background



This preview shows how black text looks on a background with the XYZ color 32.6522, 35.3677, 22.5585.



This preview shows how white text looks on a background with the XYZ color 32.6522, 35.3677,

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

32.6522, 35.3677, 22.5585

Protanopia

32.9138, 35.2442, 22.5208

Deuteranopia

35.9320, 35.2861, 22.6864



Tritanopia

36.6009, 35.4628, 41.4751

Trichromacy



Original Color

32.6522, 35.3677, 22.5585

Protanomaly

32.6952, 35.1314, 22.5106

Deuteranomaly

34.7385, 35.4151, 22.7742

Tritanomaly

35.0176, 35.3146, 33.8249

Monochromacy



Original Color

32.6522, 35.3677, 22.5585

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.7091, 34.9418, 31.4060

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6522, 35.3677, 22.5585 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(170, 161, 119)` looks like.

```
.text, #text, p{  
    color:rgb(170, 161, 119)  
}
```

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(170, 161, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 161, 119) }
```

Border

The CSS property to change the border of an element to XYZ 32.6522, 35.3677, 22.5585 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(170, 161, 119) }
```


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

```
.border{ border-color:rgb(170, 161, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 161, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 161, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 161, 119);  
box-shadow:4px 4px 4px 4px rgb(170, 161,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6522, 35.3677, 22.5585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 161, 119) }
```

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

```
.background{ background-color: rgb(170,  
161, 119) }
```

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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