

Converting Colors

XYZ(32.6995, 36.7439, 23.4525)

Have a look what the booklet for
XYZ(32.6995, 36.7439, 23.4525)
contains.

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Color

**XYZ(32.6045, 36.6522,
23.4453)**

Conversions

Conversions Part 1

Format	Color
Hex	A5A679
RGB	165, 166, 121
RGB Percent	65%, 65%, 47%
CMY	0.3529, 0.3490, 0.5255
CMYK	0.01, 0.00, 0.27, 0.35
HSL	61°, 20%, 56%
HSV	61°, 27%, 65%
XYZ	32.6045, 36.6522, 23.4453
YIQ	160.5710, 13.8490, -14.2070

Conversions

Conversions Part 2

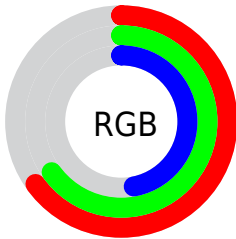
Format	Color
RYB	121, 166, 122
Decimal	10856057
CIELab	67.02, -7.81, 23.25
CIElCh	67, 24.532, 108.570
Yxy	36.6522, 0.3517, 0.3954
Android (android.graphics.Color)	4289046137 (0xFFA5A679)
YUV	160.5710, -19.5085, 3.8842
Hunter-Lab	60.5411, -9.8154, 19.4179

Details

The XYZ color **32.6045, 36.6522, 23.4453** is a light color, and the websafe version is hex **999966**. A complement of this color would be **21.7476, 20.5664, 38.9018**, and the grayscale version is **33.7611, 35.5193, 38.6805**.

A 20% lighter version of the original color is **63.0116, 69.9845, 50.2317**, and **13.9971, 16.0132, 8.4840** is the 20% darker color. If you saturate the color by 10%, you get **31.5964, 36.2413, 18.5338**, and if you desaturate by 10%, it is **33.7899, 37.1365, 29.2811**.

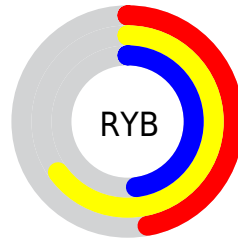
Distribution



Red (65%)

Green (65%)

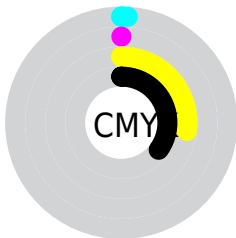
Blue (47%)



Red (47%)

Yellow (65%)

Blue (48%)

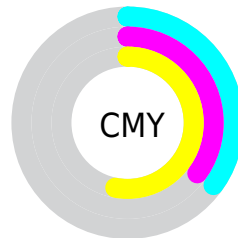


Cyan (1%)

Magenta (0%)

Yellow (27%)

Black (35%)



Cyan (35%)

Magenta (35%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6045, 36.6522, 23.4453 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 32.6045, 36.6522, 23.4453 by changing the saturation by 10% instead.

■ 32.6045, 36.6522,
23.4453

■ 32.6045, 36.6522,
23.4453

305.5604,
331.8023, 283.1997

■ 21.9814, 24.9383,
14.7143

■ 63.1164, 70.0375,
50.0559

■ 13.9598, 16.0311,
8.4747

■ 83.7359, 92.4778,
68.7726

■ 8.1742, 9.5462,
4.3081

■ 108.4183,
119.2623, 91.6549

■ 4.2594, 5.0991,
1.7958

137.5288,
150.7754, 119.1213

■ 1.8499, 2.3055,
0.4252

171.4330,
187.4016, 151.5905

■ 0.5475, 0.7766,
0.0000

210.4961,

■ 0.0000, 0.0000,

229.5252, 189.4809

0.0000

255.0834,
277.5306, 233.2111

■ 32.6045, 36.6522,
23.4453

■ 32.6045, 36.6522,
23.4453

■ 31.5964, 36.2413,
18.5338

■ 33.7899, 37.1365,
29.2811

■ 30.7538, 35.8955,
14.4969

■ 35.1582, 37.6928,
36.0827

■ 30.0679, 35.6123,
11.2841

■ 36.7180, 38.3257,
43.8919

■ 29.5280, 35.3875,
8.8385

■ 38.4768, 39.0382,
52.7475

■ 29.1218, 35.2162,
7.0962

■ 40.4414, 39.8330,
62.6861

■ 28.8353, 35.0929,
5.9828

■ 42.6186, 40.7129,
73.7425

■ 28.6469, 35.0088,
5.3853

■ 45.0145, 41.6804,
85.9500

■ 28.5988, 34.9870,
5.2459

■ 47.6354, 42.7378,
99.3407

■ 47.9062, 42.8552,
100.3547

Harmonies

Analogous

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



36.2762, 36.6522, 22.9845



32.6045, 36.6522, 23.4453



29.7361, 36.6522, 27.8113

Triad

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



32.6045, 36.6522, 23.4453



30.3074, 36.6522, 57.3551



42.3423, 36.6522, 44.1144

Complementary

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



32.6045, 36.6522, 23.4453



21.7476, 20.5664, 38.9018

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.



40.4898, 36.6522, 55.0847



32.6045, 36.6522, 23.4453



33.4361, 36.6522, 63.5895

Square

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



32.6045, 36.6522, 23.4453



28.4766, 36.6522, 46.8060



37.1688, 36.6522, 62.6916



42.0799, 36.6522, 33.7234

Rectangle

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



32.6045, 36.6522, 23.4453



28.5837, 36.6522, 32.8702



37.1688, 36.6522, 62.6916



41.9412, 36.6522, 47.8849

Sweetspot

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



32.6054, 36.6538, 23.4461



63.5313, 68.2939, 64.1163



26.1071, 23.3461, 21.2199



14.1320, 15.2483, 13.9240



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



32.6054, 36.6538, 23.4461



57.9464, 66.0187, 36.5669



28.3732, 34.4720, 23.2480



8.1301, 8.7652, 8.0526



22.1813, 27.1321, 4.0679



0.5446, 0.6627, 0.0992

Inverse Universe

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



21.7476, 20.5664, 38.9018



34.6512, 31.5018, 69.7294



25.2667, 22.3805, 39.0665



7.1467, 7.3082, 9.4523



5.3787, 2.1562, 28.1082



0.1356, 0.0549, 0.6841

Previews

White Background



This preview shows how the XYZ color 32.6045, 36.6522, 23.4453 looks on a white background.

Color Contrast Check

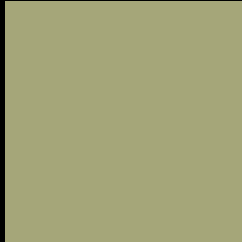
Large Text (above 18pt) WCAG AA × Fail

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 32.6045, 36.6522, 23.4453 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 32.6045, 36.6522, 23.4453

Background



This preview shows how black text looks on a background with the XYZ color 32.6045, 36.6522, 23.4453.



This preview shows how white text looks on a background with the XYZ color 32.6045, 36.6522,

23.4453.

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

32.6045, 36.6522, 23.4453

Protanopia

34.1666, 36.6644, 23.0455

Deuteranopia

37.2018, 36.4135, 23.8066



Tritanopia

36.6391, 36.4328, 44.1309

Trichromacy



Original Color

32.6045, 36.6522, 23.4453

Protanomaly

33.4602, 36.5649, 23.0635

Deuteranomaly

35.3751, 36.4918, 23.5915

Tritanomaly

35.0323, 36.5756, 35.3504

Monochromacy



Original Color

32.6045, 36.6522, 23.4453

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.1858, 35.9511, 32.3843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6045, 36.6522, 23.4453 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(165, 166, 121)` looks like.

```
.text, #text, p{  
    color:rgb(165, 166, 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(165, 166, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 166, 121) }
```

Border

The CSS property to change the border of an element to XYZ 32.6045, 36.6522, 23.4453 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(165, 166, 121) }
```


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

```
.border{ border-color:rgb(165, 166, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 166, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 166, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 166, 121); box-shadow:4px 4px 4px 4px rgb(165, 166, 121) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6045, 36.6522, 23.4453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 166, 121) }
```

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

```
.background{ background-color: rgb(165,  
166, 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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