

Converting Colors

XYZ(32.6790, 36.9050, 25.8257)

Have a look what the booklet for
XYZ(32.6790, 36.9050, 25.8257)
contains.

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Color

**XYZ(32.6153, 36.8773,
25.8211)**

Conversions

Conversions Part 1

Format	Color
Hex	A2A780
RGB	162, 167, 128
RGB Percent	64%, 65%, 50%
CMY	0.3647, 0.3451, 0.4980
CMYK	0.03, 0.00, 0.23, 0.35
HSL	68°, 18%, 58%
HSV	68°, 23%, 65%
XYZ	32.6153, 36.8773, 25.8211
YIQ	161.0590, 9.5390, -13.1890

Conversions

Conversions Part 2

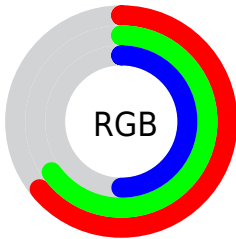
Format	Color
RYB	128, 167, 133
Decimal	10659712
CIELab	67.18, -8.50, 19.63
CIELCh	67, 21.391, 113.427
Yxy	36.8773, 0.3422, 0.3869
Android (android.graphics.Color)	4288849792 (0xFFA2A780)
YUV	161.0590, -16.2981, 0.8253
Hunter-Lab	60.7267, -10.4023, 17.2985

Details

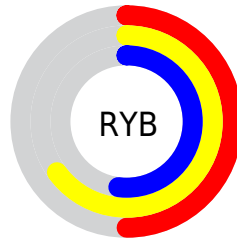
The XYZ color **32.6153, 36.8773, 25.8211** is a light color, and the websafe version is hex **999966**. A complement of this color would be **24.3685, 23.2159, 39.7580**, and the grayscale version is **33.9747, 35.7441, 38.9253**.

A 20% lighter version of the original color is **63.0770, 70.3305, 53.9667**, and **13.9724, 16.1410, 9.7762** is the 20% darker color. If you saturate the color by 10%, you get **31.1742, 36.2522, 20.4803**, and if you desaturate by 10%, it is **34.2467, 37.5818, 32.1167**.

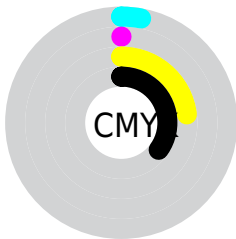
Distribution



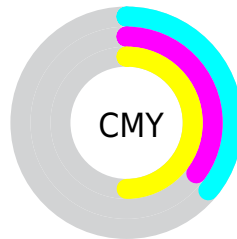
- Red (64%)
- Green (65%)
- Blue (50%)



- Red (50%)
- Yellow (65%)
- Blue (52%)



- Cyan (3%)
- Magenta (0%)
- Yellow (23%)
- Black (35%)





- Cyan (36%)
- Magenta (35%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.6153, 36.8773, 25.8211 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 32.6153, 36.8773, 25.8211 by changing the saturation by 10% instead.


 32.6153, 36.8773,
25.8211


 32.6153, 36.8773,
25.8211


305.6084,
332.7790, 295.4802

 21.9897, 25.1125,
16.4653


 63.1332, 70.3840,
53.9667

 13.9659, 16.1609,
9.6961


 83.7562, 92.8948,
73.5936

 8.1785, 9.6381,
5.0950

 108.4423,
119.7562, 97.4813

 4.2621, 5.1597,
2.2434

137.5570,
151.3529, 126.0483

 1.8515, 2.3412,
0.6992

171.4657,
188.0691, 159.7131

 0.5484, 0.7954,
0.0000

210.5335,

 0.0000, 0.0000,

230.2893, 198.8944

0.0000

255.1260,
278.3978, 244.0106

■ 32.6153, 36.8773,
25.8211

■ 32.6153, 36.8773,
25.8211

■ 31.1742, 36.2522,
20.4803

■ 34.2467, 37.5818,
32.1167

■ 29.9116, 35.6982,
16.0455

■ 36.0738, 38.3642,
39.4083

■ 28.8189, 35.2130,
12.4669

■ 38.1054, 39.2293,
47.7372

■ 27.8855, 34.7923,
9.6890

■ 40.3487, 40.1799,
57.1420

■ 27.0996, 34.4315,
7.6500

■ 42.8107, 41.2189,
67.6592

■ 26.4477, 34.1251,
6.2789

■ 45.4981, 42.3489,
79.3235

■ 25.9137, 33.8667,
5.4907

■ 48.4173, 43.5725,
92.1682

■ 25.5989, 33.7115,
5.1578

■ 50.4923, 44.4594,
100.5280

■ 50.9919, 44.7169,
100.5514

Harmonies

Analogous

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



35.7737, 36.8773, 24.8189



32.6153, 36.8773, 25.8211



30.2502, 36.8773, 30.3713

Triad

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



32.6153, 36.8773, 25.8211



31.4442, 36.8773, 56.3790



41.6594, 36.8773, 42.2449

Complementary

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



32.6153, 36.8773, 25.8211



24.3685, 23.2159, 39.7580

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.



40.3341, 36.8773, 51.8376



32.6153, 36.8773, 25.8211



34.3376, 36.8773, 60.7763

Square

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



32.6153, 36.8773, 25.8211



29.6040, 36.8773, 47.7281



37.6046, 36.8773, 58.9972



41.1277, 36.8773, 33.4252

Rectangle

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



32.6153, 36.8773, 25.8211



29.3754, 36.8773, 35.2435



37.6046, 36.8773, 58.9972



41.4138, 36.8773, 45.4987

Sweetspot

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



32.6163, 36.8789, 25.8219



63.3258, 68.1586, 65.4335



28.1599, 26.4271, 24.0394



14.1296, 15.2348, 14.4765



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.



32.6163, 36.8789, 25.8219



57.0387, 65.4493, 41.1059



29.0353, 35.0329, 25.6543



8.0508, 8.7243, 8.0489



19.6163, 25.8098, 3.9479



0.5027, 0.6411, 0.0972

Inverse Universe

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



24.3685, 23.2159, 39.7580



39.6685, 36.6699, 70.4625



27.6536, 24.9094, 39.9117



7.2180, 7.3450, 9.4556



5.6054, 2.2731, 28.1188



0.1626, 0.0688, 0.6854

Previews

White Background



This preview shows how the XYZ color 32.6153, 36.8773, 25.8211 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 32.6153, 36.8773, 25.8211 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

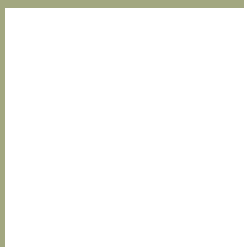
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.6153, 36.8773, 25.8211

Background



This preview shows how black text looks on a background with the XYZ color 32.6153, 36.8773, 25.8211.



This preview shows how white text looks on a background with the XYZ color 32.6153, 36.8773,

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

32.6153, 36.8773, 25.8211

Protanopia

34.3186, 36.6994, 25.0136

Deuteranopia

37.5721, 36.8020, 26.2423



Tritanopia

36.5333, 36.8706, 45.2356

Trichromacy



Original Color

32.6153, 36.8773, 25.8211

Protanomaly

33.6838, 36.6293, 25.3735

Deuteranomaly

35.5297, 36.7780, 25.9951

Tritanomaly

34.9089, 36.7357, 37.1491

Monochromacy



Original Color

32.6153, 36.8773, 25.8211

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.2200, 35.9414, 33.6203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6153, 36.8773, 25.8211 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(162, 167, 128)` looks like.

```
.text, #text, p{  
    color:rgb(162, 167, 128)  
}
```

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(162, 167, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 167, 128) }
```

Border

The CSS property to change the border of an element to XYZ 32.6153, 36.8773, 25.8211 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(162, 167, 128) }
```


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

```
.border{ border-color:rgb(162, 167, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 167, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 167, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 167, 128);  
box-shadow:4px 4px 4px 4px rgb(162, 167,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6153, 36.8773, 25.8211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 167, 128) }
```

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

```
.background{ background-color: rgb(162,  
167, 128) }
```

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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