

Converting Colors

XYZ(36.0912, 33.0382, 21.5564)

Have a look what the booklet for
XYZ(36.0912, 33.0382, 21.5564)
contains.

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Color

**XYZ(36.0082, 32.9903,
21.6095)**

Conversions

Conversions Part 1

Format	Color
Hex	C49076
RGB	196, 144, 118
RGB Percent	77%, 56%, 46%
CMY	0.2314, 0.4353, 0.5372
CMYK	0.00, 0.27, 0.40, 0.23
HSL	20°, 40%, 62%
HSV	20°, 40%, 77%
XYZ	36.0082, 32.9903, 21.6095
YIQ	156.5840, 39.3380, 2.9380

Conversions

Conversions Part 2

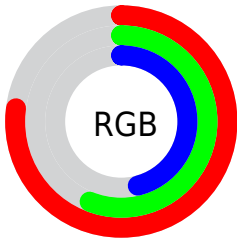
Format	Color
R_{YB}	196, 157, 118
Decimal	12882038
CIE _{Lab}	64.15, 16.30, 21.53
CIE _{LCh}	64, 27.010, 52.870
Yxy	32.9903, 0.3974, 0.3641
Android (android.graphics.Color)	4291072118 (0xFFC49076)
YUV	156.5840, -19.0219, 34.5678
Hunter-Lab	57.4372, 11.3892, 17.8994

Details

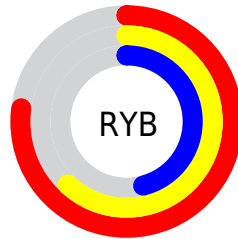
The XYZ color **36.0082, 32.9903, 21.6095** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **31.8091, 36.5851, 57.6095**, and the grayscale version is **31.9320, 33.5950, 36.5849**.

A 20% lighter version of the original color is **68.3228, 64.3613, 46.8522**, and **15.8037, 13.8338, 7.4675** is the 20% darker color. If you saturate the color by 10%, you get **33.0967, 28.8416, 15.4775**, and if you desaturate by 10%, it is **39.3925, 37.6971, 29.0938**.

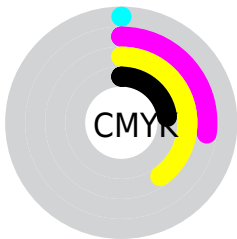
Distribution



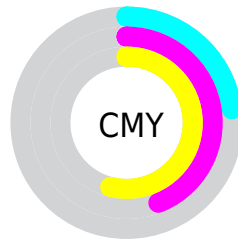
- Red (77%)
- Green (56%)
- Blue (46%)



- Red (77%)
- Yellow (62%)
- Blue (46%)



- Cyan (0%)
- Magenta (27%)
- Yellow (40%)
- Black (23%)





- Cyan (23%)
- Magenta (44%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.0082, 32.9903, 21.6095 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 36.0082, 32.9903, 21.6095 by changing the saturation by 10% instead.


 36.0082, 32.9903,
21.6095


 36.0082, 32.9903,
21.6095

320.4270,
315.6060, 273.3868


 24.6107, 22.1190,
13.3747


 68.3685, 64.3604,
46.9936

 15.9144, 13.9444,
7.5533


 90.0620, 85.6280,
64.9800

 9.5541, 8.0820,
3.7268


 115.9182,
111.1298, 87.0540

 5.1643, 4.1475,
1.4767

146.3024,
141.2502, 113.6341

 2.3797, 1.7564,
0.2005

181.5801,
176.3737, 145.1389

 0.8350, 0.4598,
0.0000

222.1165,

 0.0000, 0.0000,

216.8845, 181.9869

0.0000

268.2770,
263.1672, 224.5967

■ 36.0082, 32.9903,
21.6095

■ 36.0082, 32.9903,
21.6095

■ 33.0967, 28.8416,
15.4775

■ 39.3925, 37.6971,
29.0938

■ 30.6326, 25.2246,
10.6136

■ 43.2682, 42.9775,
38.0035

■ 28.5916, 22.1178,
6.9273


■ 47.6561, 48.8525,
48.4089


■ 26.9461, 19.4961,
4.3150


■ 52.5747, 55.3402,
60.3751


■ 25.6639, 17.3318,
2.6546

■ 58.0420, 62.4581,
73.9631

 24.6927, 15.5879,
1.7188

 64.0746, 70.2232,
89.2308

 24.6750, 15.5560,
1.7021

 70.6563, 78.6385,
106.0625

 74.5453, 86.4166,
107.3589

 76.5749, 90.4757,
108.0354

Harmonies

Analogous

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



38.6322, 32.9903, 28.3412



36.0082, 32.9903, 21.6095



32.2779, 32.9903, 18.8129

Triad

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



36.0082, 32.9903, 21.6095



24.6104, 32.9903, 33.3697



34.3022, 32.9903, 59.0314

Complementary

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



36.0082, 32.9903, 21.6095



31.8091, 36.5851, 57.6095

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.



30.4524, 32.9903, 61.1349



36.0082, 32.9903, 21.6095



25.0566, 32.9903, 44.7440

Square

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



36.0082, 32.9903, 21.6095



25.8509, 32.9903, 24.6484



27.1233, 32.9903, 55.4654



37.5926, 32.9903, 50.1930

Rectangle

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



36.0082, 32.9903, 21.6095



29.7465, 32.9903, 19.0519



27.1233, 32.9903, 55.4654



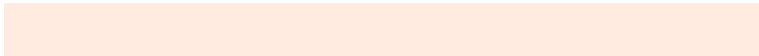
33.0231, 32.9903, 60.6142

Sweetspot

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



36.0090, 32.9919, 21.6102



84.3433, 85.8524, 82.9316



36.4992, 27.5952, 41.4330



17.8220, 18.0677, 17.2002



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.



36.0090, 32.9919, 21.6102



60.4678, 52.9859, 29.0860



42.9685, 46.9108, 23.9300



10.3414, 10.6143, 10.5656



15.9262, 10.1382, 1.1175



0.7523, 0.5664, 0.0697

Inverse Universe

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



31.8091, 36.5851, 57.6095



51.7553, 60.3650, 103.5316



25.5516, 24.0701, 55.5237



10.0765, 10.8443, 12.8469



11.6694, 13.0952, 35.4692



0.5654, 0.6882, 1.5529

Previews

White Background



This preview shows how the XYZ color 36.0082, 32.9903, 21.6095 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 36.0082, 32.9903, 21.6095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

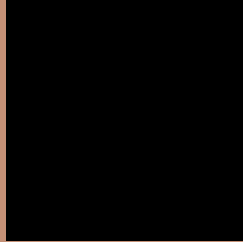
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.0082, 32.9903, 21.6095

Background



This preview shows how black text looks on a background with the XYZ color 36.0082, 32.9903, 21.6095.



This preview shows how white text looks on a background with the XYZ color 36.0082, 32.9903,

21.6095.

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

36.0082, 32.9903, 21.6095

Protanopia

31.1895, 33.3140, 23.5253

Deuteranopia

33.7255, 32.9696, 21.4159



Tritanopia

38.4363, 33.1003, 33.2173

Trichromacy



Original Color

36.0082, 32.9903, 21.6095

Protanomaly

32.8109, 33.1841, 22.7650

Deuteranomaly

34.3836, 32.8432, 21.3568

Tritanomaly

37.4010, 32.8905, 28.4220

Monochromacy



Original Color

36.0082, 32.9903, 21.6095

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.9807, 33.0976, 30.6368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0082, 32.9903, 21.6095 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(196, 144, 118)` looks like.

```
.text, #text, p{  
    color:rgb(196, 144, 118)  
}
```

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(196, 144, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 144, 118) }
```

Border

The CSS property to change the border of an element to XYZ 36.0082, 32.9903, 21.6095 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(196, 144, 118) }
```


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

```
.border{ border-color:rgb(196, 144, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 144, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 144, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 144, 118);  
box-shadow:4px 4px 4px 4px rgb(196, 144,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0082, 32.9903, 21.6095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 144, 118) }
```

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

```
.background{ background-color: rgb(196,  
144, 118) }
```

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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