

Converting Colors

XYZ(36.2383, 33.8353, 21.7604)

Have a look what the booklet for
XYZ(36.2383, 33.8353, 21.7604)
contains.

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Color

**XYZ(36.2094, 33.7775,
21.7508)**

Conversions

Conversions Part 1

Format	Color
Hex	C39376
RGB	195, 147, 118
RGB Percent	76%, 58%, 46%
CMY	0.2353, 0.4235, 0.5372
CMYK	0.00, 0.25, 0.39, 0.24
HSL	23°, 39%, 61%
HSV	23°, 39%, 76%
XYZ	36.2094, 33.7775, 21.7508
YIQ	158.0460, 37.9170, 1.1570

Conversions

Conversions Part 2

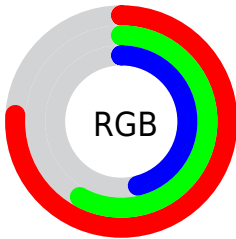
Format	Color
RYB	195, 165, 118
Decimal	12817270
CIELab	64.79, 14.25, 22.37
CIELCh	65, 26.524, 57.504
Yxy	33.7775, 0.3947, 0.3682
Android (android.graphics.Color)	4291007350 (0xFFC39376)
YUV	158.0460, -19.7427, 32.4087
Hunter-Lab	58.1184, 9.5033, 18.4936

Details

The XYZ color **36.2094, 33.7775, 21.7508** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.9573, 35.0629, 56.7660**, and the grayscale version is **32.5956, 34.2932, 37.3453**.

A 20% lighter version of the original color is **68.6504, 65.5582, 47.0659**, and **16.0723, 14.3709, 7.5570** is the 20% darker color. If you saturate the color by 10%, you get **33.3771, 29.7796, 15.6686**, and if you desaturate by 10%, it is **39.4827, 38.2739, 29.1625**.

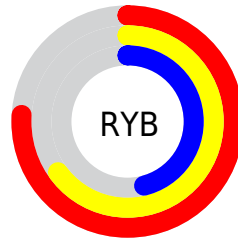
Distribution



Red (76%)

Green (58%)

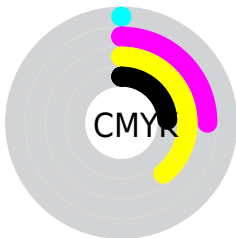
Blue (46%)



Red (76%)

Yellow (65%)

Blue (46%)

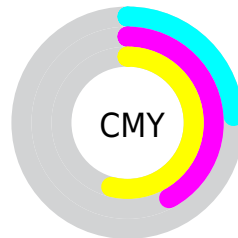


Cyan (0%)

Magenta (25%)

Yellow (39%)

Black (24%)



Cyan (24%)


Magenta (42%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.2094, 33.7775, 21.7508 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 36.2094, 33.7775, 21.7508 by changing the saturation by 10% instead.


 36.2094, 33.7775,
21.7508


 36.2094, 33.7775,
21.7508


321.2902,
319.1388, 274.1530


 24.7668, 22.7227,
13.4773


 68.6769, 65.5875,
47.2307

 16.0312, 14.3889,
7.6235


 90.4325, 87.1115,
65.2742

 9.6372, 8.3916,
3.7707


 116.3566,
112.8941, 87.4114

 5.2195, 4.3466,
1.5004

146.8144,
143.3196, 114.0610

 2.4127, 1.8693,
0.2182

182.1713,
178.7724, 145.6414

 0.8514, 0.5298,
0.0000

222.7926,

 0.0000, 0.0000,

219.6370, 182.5712

0.0000

269.0438,
266.2976, 225.2689

■ 36.2094, 33.7775,
21.7508

■ 36.2094, 33.7775,
21.7508

■ 33.3771, 29.7796,
15.6686

■ 39.4827, 38.2739,
29.1625

■ 30.9622, 26.2571,
10.8336

■ 43.2140, 43.2813,
37.9754

■ 28.9426, 23.1920,
7.1572


■ 47.4223, 48.8175,
48.2581


■ 27.2926, 20.5630,
4.5382


■ 52.1249, 54.8982,
60.0745


■ 25.9827, 18.3469,
2.8573


■ 57.3380, 61.5382,
73.4843


 24.9650, 16.5120,
1.9001

 63.0771, 68.7520,
88.5442

 24.9180, 16.4268,
1.8574

 69.3570, 76.5531,
105.3081

 72.9796, 83.6700,
106.9112

 76.3157, 90.3421,
108.0232

Harmonies

Analogous

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



39.0612, 33.7775, 27.9033



36.2094, 33.7775, 21.7508



32.4251, 33.7775, 19.5274

Triad

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



36.2094, 33.7775, 21.7508



25.3187, 33.7775, 35.8704



35.6130, 33.7775, 58.7390

Complementary

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



36.2094, 33.7775, 21.7508



30.9573, 35.0629, 56.7660

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.



31.7860, 33.7775, 62.0154



36.2094, 33.7775, 21.7508



26.0271, 33.7775, 47.3591

Square

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



36.2094, 33.7775, 21.7508



26.3059, 33.7775, 26.6055



28.3222, 33.7775, 57.4975



38.6982, 33.7775, 49.2601

Rectangle

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



36.2094, 33.7775, 21.7508



29.9481, 33.7775, 20.1589



28.3222, 33.7775, 57.4975



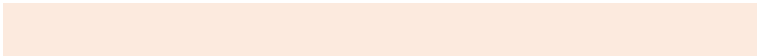
34.3620, 33.7775, 60.6752

Sweetspot

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



36.2103, 33.7791, 21.7515



82.8135, 84.6613, 81.1934



35.9378, 27.3407, 39.8296



17.9111, 18.2458, 17.2299



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.



36.2103, 33.7791, 21.7515



60.6155, 54.5320, 29.8116



43.0690, 47.4967, 24.0377



10.3771, 10.6857, 10.5775



16.2704, 10.8265, 1.2322



0.7695, 0.6007, 0.0754

Inverse Universe

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



30.9573, 35.0629, 56.7660



49.9381, 57.1018, 100.8595



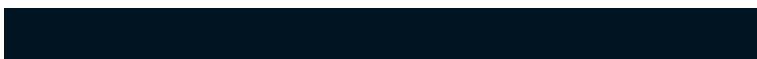
25.0759, 23.3001, 54.8055



10.0395, 10.7702, 12.8346



10.9725, 11.7015, 35.2369



0.5386, 0.6347, 1.5440

Previews

White Background



This preview shows how the XYZ color 36.2094, 33.7775, 21.7508 looks on a white background.

Color Contrast Check

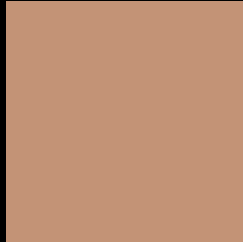
Large Text (above 18pt) WCAG AA × Fail

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 36.2094, 33.7775, 21.7508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

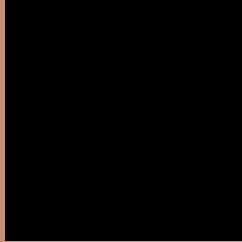
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.2094, 33.7775, 21.7508

Background



This preview shows how black text looks on a background with the XYZ color 36.2094, 33.7775, 21.7508.



This preview shows how white text looks on a background with the XYZ color 36.2094, 33.7775,

21.7508.

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

36.2094, 33.7775, 21.7508

Protanopia

31.7806, 33.8688, 23.6012

Deuteranopia

34.5272, 33.8567, 21.5448



Tritanopia

38.7115, 33.6517, 34.5921

Trichromacy



Original Color

36.2094, 33.7775, 21.7508

Protanomaly

33.2025, 33.6279, 22.8300

Deuteranomaly

35.1035, 33.9159, 21.5259

Tritanomaly

37.7328, 33.7103, 29.3289

Monochromacy



Original Color

36.2094, 33.7775, 21.7508

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.3081, 33.7523, 30.7459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2094, 33.7775, 21.7508 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(195, 147, 118)` looks like.

```
.text, #text, p{  
    color:rgb(195, 147, 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(195, 147, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 147, 118) }
```

Border

The CSS property to change the border of an element to XYZ 36.2094, 33.7775, 21.7508 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(195, 147, 118) }
```


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

```
.border{ border-color:rgb(195, 147, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 147, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 147, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 147, 118);  
box-shadow:4px 4px 4px 4px rgb(195, 147,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2094, 33.7775, 21.7508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 147, 118) }
```

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

```
.background{ background-color: rgb(195,  
147, 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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