

Converting Colors

XYZ(36.7019, 33.9716, 24.3586)

Have a look what the booklet for
XYZ(36.7019, 33.9716, 24.3586)
contains.

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Color

**XYZ(36.7053, 33.9759,
24.3621)**

Conversions

Conversions Part 1

Format	Color
Hex	C3937E
RGB	195, 147, 126
RGB Percent	76%, 58%, 49%
CMY	0.2353, 0.4235, 0.5059
CMYK	0.00, 0.25, 0.35, 0.24
HSL	18°, 37%, 63%
HSV	18°, 35%, 76%
XYZ	36.7053, 33.9759, 24.3621
YIQ	158.9580, 35.3490, 3.6450

Conversions

Conversions Part 2

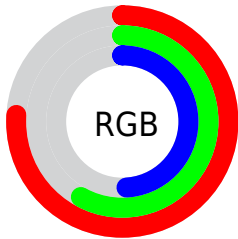
Format	Color
RYB	195, 156, 126
Decimal	12817278
CIELab	64.94, 15.22, 18.14
CIELCh	65, 23.677, 50.009
Yxy	33.9759, 0.3862, 0.3575
Android (android.graphics.Color)	4291007358 (0xFFC3937E)
YUV	158.9580, -16.2483, 31.6088
Hunter-Lab	58.2888, 10.3984, 16.0217

Details

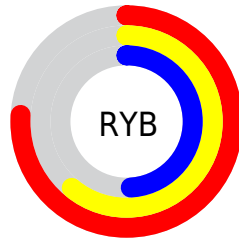
The XYZ color **36.7053, 33.9759, 24.3621** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.5900, 38.6465, 57.3190**, and the grayscale version is **32.9968, 34.7152, 37.8049**.

A 20% lighter version of the original color is **69.5313, 65.9106, 51.7051**, and **16.3376, 14.4770, 8.9544** is the 20% darker color. If you saturate the color by 10%, you get **33.5814, 29.5492, 17.7064**, and if you desaturate by 10%, it is **40.3250, 39.0013, 32.3938**.

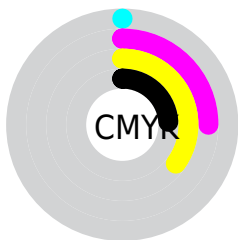
Distribution



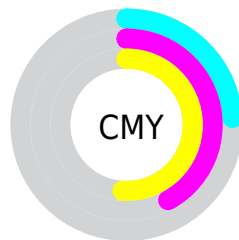
- Red (76%)
- Green (58%)
- Blue (49%)



- Red (76%)
- Yellow (61%)
- Blue (49%)



- Cyan (0%)
- Magenta (25%)
- Yellow (35%)
- Black (24%)





- Cyan (24%)
- Magenta (42%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.7053, 33.9759, 24.3621 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 36.7053, 33.9759, 24.3621 by changing the saturation by 10% instead.


 36.7053, 33.9759,
24.3621


 36.7053, 33.9759,
24.3621


323.4106,
320.0246, 287.9914

 25.1520, 22.8751,
15.3878


 69.4361, 65.8962,
51.5717

 16.3197, 14.5013,
8.9423


 91.3443, 87.4845,
70.6440

 9.8429, 8.4701,
4.6073


 117.4349,
113.3373, 93.9194

 5.3564, 4.3972,
1.9641

148.0732,
143.8392, 121.8164

 2.4948, 1.8982,
0.5331

183.6245,
179.3745, 154.7535

 0.8926, 0.5473,
0.0000

224.4543,

 0.0000, 0.0000,

220.3275, 193.1494

0.0000

270.9279,
267.0828, 237.4225

■ 36.7053, 33.9759,
24.3621

■ 36.7053, 33.9759,
24.3621

■ 33.5814, 29.5492,
17.7064

■ 40.3250, 39.0013,
32.3938

■ 30.9277, 25.6936,
12.3464

■ 44.4591, 44.6424,
41.8715

■ 28.7203, 22.3861,
8.1966


■ 49.1287, 50.9211,
52.8628


■ 26.9316, 19.6002,
5.1602


■ 54.3525, 57.8570,
65.4304


■ 25.5307, 17.3070,
3.1253


■ 60.1487, 65.4689,
79.6335

 24.4811, 15.4741,
1.9550

 66.5342, 73.7745,
95.5283

 24.0882, 14.7671,
1.5808

 72.2940, 82.2987,
106.6827

 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.



38.8731, 33.9759, 30.9181



36.7053, 33.9759, 24.3621



33.4472, 33.9759, 21.3763

Triad

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



36.7053, 33.9759, 24.3621



26.2413, 33.9759, 33.8224



34.5953, 33.9759, 57.6569

Complementary

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



36.7053, 33.9759, 24.3621



33.5900, 38.6465, 57.3190

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.



31.1658, 33.9759, 58.8084



36.7053, 33.9759, 24.3621



26.5009, 33.9759, 43.8178

Square

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



36.7053, 33.9759, 24.3621



27.5134, 33.9759, 26.1646



28.2494, 33.9759, 53.3760



37.5966, 33.9759, 50.4622

Rectangle

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



36.7053, 33.9759, 24.3621



31.1638, 33.9759, 21.3770



28.2494, 33.9759, 53.3760



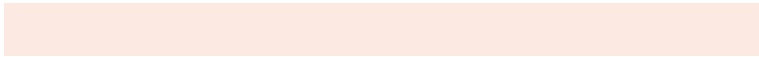
33.4493, 33.9759, 58.8070

Sweetspot

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



36.7062, 33.9775, 24.3628



83.0319, 84.5520, 82.9498



37.6360, 29.5919, 43.9263



17.9342, 18.1806, 17.5812



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.



36.7062, 33.9775, 24.3628



61.5886, 54.9869, 34.7336



42.8363, 46.2378, 26.4062



10.3177, 10.5668, 10.5577



15.7218, 9.7293, 1.0493



0.7415, 0.5449, 0.0661

Inverse Universe

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



33.5900, 38.6465, 57.3190



55.2100, 64.4843, 102.0066



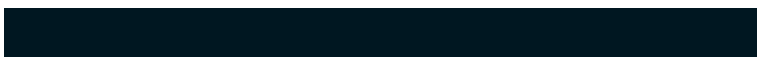
27.8037, 27.0739, 55.3902



10.1014, 10.8941, 12.8552



12.1685, 14.0934, 35.6356



0.5842, 0.7258, 1.5592

Previews

White Background



This preview shows how the XYZ color 36.7053, 33.9759, 24.3621 looks on a white background.

Color Contrast Check

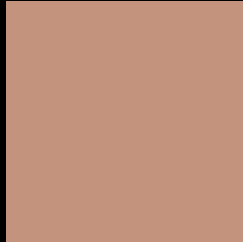
Large Text (above 18pt) WCAG AA × Fail

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 36.7053, 33.9759, 24.3621 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 36.7053, 33.9759, 24.3621

Background



This preview shows how black text looks on a background with the XYZ color 36.7053, 33.9759, 24.3621.



This preview shows how white text looks on a background with the XYZ color 36.7053, 33.9759,

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

36.7053, 33.9759, 24.3621

Protanopia

32.2599, 34.3079, 26.3945

Deuteranopia

34.6971, 34.1275, 24.1606



Tritanopia

38.9439, 33.9838, 35.0788

Trichromacy



Original Color

36.7053, 33.9759, 24.3621

Protanomaly

33.6495, 34.0433, 25.5664

Deuteranomaly

35.3471, 33.9847, 24.0988

Tritanomaly

38.0333, 33.8305, 30.9109

Monochromacy



Original Color

36.7053, 33.9759, 24.3621

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

34.0011, 34.3199, 32.4361

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7053, 33.9759, 24.3621 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, 126)` looks like.

```
.text, #text, p{  
    color:rgb(195, 147, 126)  
}
```

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, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 147, 126) }
```

Border

The CSS property to change the border of an element to XYZ 36.7053, 33.9759, 24.3621 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, 126) }
```


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

```
.border{ border-color:rgb(195, 147, 126) }
```

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, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 147, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 147, 126);  
box-shadow:4px 4px 4px 4px rgb(195, 147,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7053, 33.9759, 24.3621 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, 126) }
```

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

```
.background{ background-color: rgb(195,  
147, 126) }
```

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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