

Converting Colors

XYZ(36.5673, 40.5309, 27.6812)

Have a look what the booklet for
XYZ(36.5673, 40.5309, 27.6812)
contains.

XYZ(36.5640, 40.5518, 27.7299)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(36.5640, 40.5518,
27.7299)**

Conversions

Conversions Part 1

Format	Color
Hex	AEAD84
RGB	174, 173, 132
RGB Percent	68%, 68%, 52%
CMY	0.3176, 0.3216, 0.4823
CMYK	0.00, 0.01, 0.24, 0.32
HSL	59°, 21%, 60%
HSV	59°, 24%, 68%
XYZ	36.5640, 40.5518, 27.7299
YIQ	168.6250, 13.7570, -12.5390

Conversions

Conversions Part 2

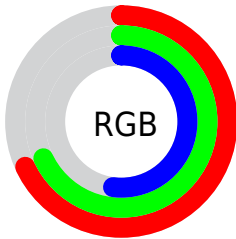
Format	Color
RYB	133, 174, 132
Decimal	11447684
CIELab	69.86, -6.45, 21.26
CIELCh	70, 22.219, 106.866
Yxy	40.5518, 0.3487, 0.3868
Android (android.graphics.Color)	4289637764 (0xFFAEAD84)
YUV	168.6250, -18.0561, 4.7139
Hunter-Lab	63.6803, -8.9493, 18.7581

Details

The XYZ color **36.5640, 40.5518, 27.7299** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.5431, 24.7359, 43.4728**, and the grayscale version is **37.6093, 39.5679, 43.0895**.

A 20% lighter version of the original color is **69.1335, 75.8126, 56.8885**, and **16.2455, 18.3489, 10.6681** is the 20% darker color. If you saturate the color by 10%, you get **35.3927, 39.9583, 21.9470**, and if you desaturate by 10%, it is **37.9363, 41.2289, 34.5606**.

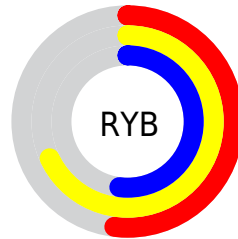
Distribution



Red (68%)

Green (68%)

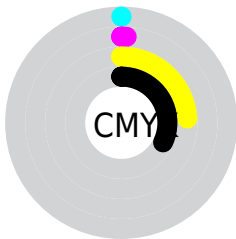
Blue (52%)



Red (52%)

Yellow (68%)

Blue (52%)

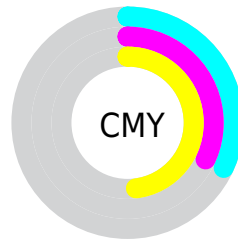


Cyan (0%)

Magenta (1%)

Yellow (24%)

Black (32%)



Cyan (32%)

Magenta (32%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.5640, 40.5518, 27.7299 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 36.5640, 40.5518, 27.7299 by changing the saturation by 10% instead.

■ 36.5640, 40.5518,
27.7299

■ 36.5640, 40.5518,
27.7299

322.8074,
348.4439, 305.0452

■ 25.0422, 27.9690,
17.8849

■ 69.2199, 76.0030,
57.0708

■ 16.2374, 18.3023,
10.6988

■ 91.0847, 99.6403,
77.4038

■ 9.7842, 11.1673,
5.7531

■ 117.1280,
127.7312, 102.0699

■ 5.3173, 6.1794,
2.6292

147.7149,
160.6601, 131.4876

■ 2.4713, 2.9545,
0.9075

183.2110,
198.8115, 166.0754

■ 0.8808, 1.1080,
0.0000

223.9815,

■ 0.0000, 0.0000,

242.5696, 206.2519

0.0000

270.3919,
292.3189, 252.4357

■ 36.5640, 40.5518,
27.7299

■ 36.5640, 40.5518,
27.7299

■ 35.3927, 39.9583,
21.9470

■ 37.9363, 41.2289,
34.5606

■ 34.4094, 39.4390,
17.1575

■ 39.5155, 41.9877,
42.4848

■ 33.6045, 38.9914,
13.3059

■ 41.3114, 42.8336,
51.5486

■ 32.9662, 38.6109,
10.3305

■ 43.3320, 43.7698,
61.7947

■ 32.4813, 38.2921,
8.1619

■ 45.5851, 44.7994,
73.2635

■ 32.1347, 38.0291,
6.7204

■ 48.0779, 45.9252,
85.9936

■ 31.9082, 37.8144,
5.9101

■ 50.8175, 47.1502,
100.0220

■ 31.8070, 37.7014,
5.6007

■ 51.0908, 47.3890,
101.0620

■ 51.1720, 47.5514,
101.0890

Harmonies

Analogous

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



40.1423, 40.5518, 27.4848



36.5640, 40.5518, 27.7299



33.6960, 40.5518, 31.9083

Triad

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



36.5640, 40.5518, 27.7299



33.9892, 40.5518, 60.3098



45.7066, 40.5518, 48.8273

Complementary

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



36.5640, 40.5518, 27.7299



25.5431, 24.7359, 43.4728

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.



43.8344, 40.5518, 59.1895



36.5640, 40.5518, 27.7299



36.9873, 40.5518, 66.4831

Square

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



36.5640, 40.5518, 27.7299



32.2743, 40.5518, 50.1772



40.5927, 40.5518, 66.0437



45.5756, 40.5518, 38.6332

Rectangle

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



36.5640, 40.5518, 27.7299



32.5054, 40.5518, 36.7947



40.5927, 40.5518, 66.0437



45.2860, 40.5518, 52.4345

Sweetspot

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



36.5650, 40.5536, 27.7308



70.7812, 75.7342, 72.5574



29.9685, 27.2062, 26.0078



15.6941, 16.8147, 15.9371



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



36.5650, 40.5536, 27.7308



65.1384, 72.9621, 44.4304



32.7039, 38.8476, 27.6050



8.6462, 9.2971, 8.5522



23.0762, 27.3579, 4.0644



0.6469, 0.7710, 0.1147

Inverse Universe

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



25.5431, 24.7359, 43.4728



41.6264, 39.2205, 78.0132



28.7658, 26.1959, 43.5848



7.5936, 7.7865, 10.0554



5.5801, 2.2940, 29.1932



0.1601, 0.0735, 0.8137

Previews

White Background



This preview shows how the XYZ color 36.5640, 40.5518, 27.7299 looks on a white background.

Color Contrast Check

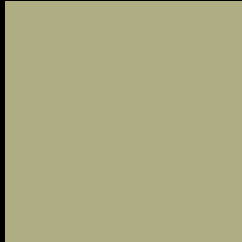
Large Text (above 18pt) WCAG AA × Fail

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 36.5640, 40.5518, 27.7299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

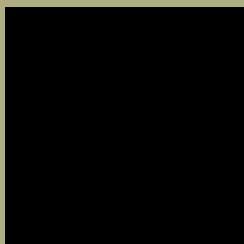
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

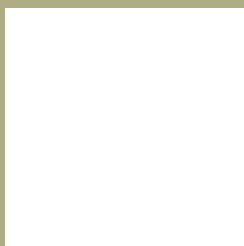
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.5640, 40.5518, 27.7299

Background



This preview shows how black text looks on a background with the XYZ color 36.5640, 40.5518, 27.7299.



This preview shows how white text looks on a background with the XYZ color 36.5640, 40.5518,

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

36.5640, 40.5518, 27.7299

Protanopia

37.7629, 40.3332, 27.2675

Deuteranopia

41.3980, 40.5515, 28.1996



Tritanopia

40.8793, 40.6360, 48.8690

Trichromacy



Original Color

36.5640, 40.5518, 27.7299

Protanomaly

37.2500, 40.3482, 27.2974

Deuteranomaly

39.5382, 40.4073, 27.9058

Tritanomaly

39.1589, 40.4853, 40.4009

Monochromacy



Original Color

36.5640, 40.5518, 27.7299

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.1701, 39.8077, 37.1771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5640, 40.5518, 27.7299 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(174, 173, 132)` looks like.

```
.text, #text, p{  
    color:rgb(174, 173, 132)  
}
```

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(174, 173, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 173, 132) }
```

Border

The CSS property to change the border of an element to XYZ 36.5640, 40.5518, 27.7299 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(174, 173, 132) }
```


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

```
.border{ border-color:rgb(174, 173, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 173, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 173, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 173, 132);  
box-shadow:4px 4px 4px 4px rgb(174, 173,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5640, 40.5518, 27.7299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 173, 132) }
```

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

```
.background{ background-color: rgb(174,  
173, 132) }
```

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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