

Converting Colors

XYZ(34.1594, 40.2022, 25.9303)

Have a look what the booklet for
XYZ(34.1594, 40.2022, 25.9303)
contains.

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Color

**XYZ(34.2564, 40.2644,
26.0450)**

Conversions

Conversions Part 1

Format	Color
Hex	A2B07F
RGB	162, 176, 127
RGB Percent	64%, 69%, 50%
CMY	0.3647, 0.3098, 0.5020
CMYK	0.08, 0.00, 0.28, 0.31
HSL	77°, 24%, 59%
HSV	77°, 28%, 69%
XYZ	34.2564, 40.2644, 26.0450
YIQ	166.2280, 7.3850, -18.2070

Conversions

Conversions Part 2

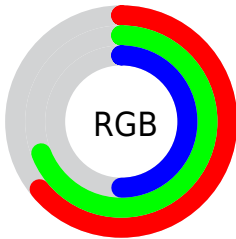
Format	Color
RYB	127, 176, 141
Decimal	10662015
CIELab	69.66, -13.39, 23.53
CIELCh	70, 27.075, 119.633
Yxy	40.2644, 0.3406, 0.4004
Android (android.graphics.Color)	4288852095 (0xFFA2B07F)
YUV	166.2280, -19.3394, -3.7080
Hunter-Lab	63.4542, -14.6799, 20.0822

Details

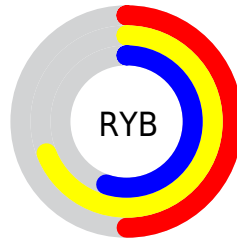
The XYZ color **34.2564, 40.2644, 26.0450** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.4120, 23.9772, 44.3126**, and the grayscale version is **36.4449, 38.3428, 41.7554**.

A 20% lighter version of the original color is **65.7101, 75.7602, 54.3399**, and **14.9776, 18.2661, 9.7575** is the 20% darker color. If you saturate the color by 10%, you get **32.2070, 39.3303, 20.4755**, and if you desaturate by 10%, it is **36.5491, 41.3033, 32.6735**.

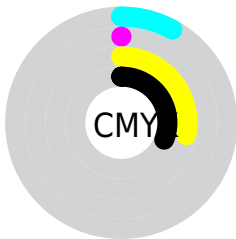
Distribution



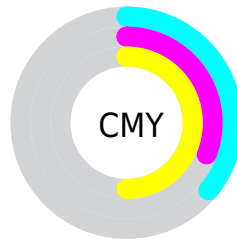
- Red (64%)
- Green (69%)
- Blue (50%)



- Red (50%)
- Yellow (69%)
- Blue (55%)



- Cyan (8%)
- Magenta (0%)
- Yellow (28%)
- Black (31%)



- Cyan (36%)
- Magenta (31%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.2564, 40.2644, 26.0450 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 34.2564, 40.2644, 26.0450 by changing the saturation by 10% instead.

■ 34.2564, 40.2644,
26.0450

■ 34.2564, 40.2644,
26.0450

312.8397,
347.2367, 296.6154

■ 23.2545, 27.7448,
16.6312

■ 65.6738, 75.5660,
54.3325

■ 14.9032, 18.1333,
9.8128

■ 86.8201, 99.1167,
74.0433

■ 8.8374, 11.0458,
5.1710

■ 112.0784,
127.1132, 98.0236

■ 4.6915, 6.0976,
2.2875

141.8142,
159.9399, 126.6918

■ 2.1003, 2.9045,
0.7242

176.3929,
197.9812, 160.4666

■ 0.6894, 1.0821,
0.0000

216.1798,

■ 0.0000, 0.0000,

241.6215, 199.7664

0.0000

261.5403,
291.2452, 245.0099

■ 34.2564, 40.2644,
26.0450

■ 34.2564, 40.2644,
26.0450

■ 32.2070, 39.3303,
20.4755

■ 36.5491, 41.3033,
32.6735

■ 30.3870, 38.4913,
15.9076

■ 39.0923, 42.4457,
40.4094

■ 28.7856, 37.7443,
12.2822

■ 41.8964, 43.6974,
49.3012

■ 27.3896, 37.0841,
9.5331

■ 44.9703, 45.0619,
59.3937

■ 26.1845, 36.5046,
7.5854

■ 48.3227, 46.5426,
70.7294

■ 25.1530, 35.9991,
6.3519

■ 51.9615, 48.1430,
83.3487

■ 24.2683, 35.5567,
5.6931

■ 55.8946, 49.8660,
97.2901

■ 24.0870, 35.4657,
5.5760

■ 57.9982, 50.8624,
101.3683

■ 59.3837, 51.5767,
101.4332

Harmonies

Analogous

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



38.3241, 40.2644, 23.8797



34.2564, 40.2644, 26.0450



31.4559, 40.2644, 32.7464

Triad

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



34.2564, 40.2644, 26.0450



34.1697, 40.2644, 68.1093



47.3216, 40.2644, 43.9957

Complementary

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



34.2564, 40.2644, 26.0450



26.4120, 23.9772, 44.3126

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.



46.0036, 40.2644, 57.1953



34.2564, 40.2644, 26.0450



38.2162, 40.2644, 72.6430

Square

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



34.2564, 40.2644, 26.0450



31.4086, 40.2644, 56.8764



42.5857, 40.2644, 68.3167



46.0646, 40.2644, 32.9671

Rectangle

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



34.2564, 40.2644, 26.0450



30.5714, 40.2644, 39.6436



42.5857, 40.2644, 68.3167



47.1637, 40.2644, 48.3249

Sweetspot

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



34.2574, 40.2662, 26.0459



70.7523, 76.9137, 72.8369



31.2444, 29.7791, 24.1804



15.1792, 16.5994, 15.3084



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.



34.2574, 40.2662, 26.0459



59.9430, 72.0301, 41.2132



29.7754, 37.9556, 25.8361



8.9557, 9.7822, 9.0687



17.7318, 26.0512, 4.0938



0.6119, 0.8475, 0.1313

Inverse Universe

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



26.4120, 23.9772, 44.3126



43.5007, 37.8802, 79.5142



31.0242, 26.3549, 44.5284



8.2625, 8.3439, 10.6814



6.7767, 2.8293, 30.3259



0.2721, 0.1194, 0.9569

Previews

White Background



This preview shows how the XYZ color 34.2564, 40.2644, 26.0450 looks on a white background.

Color Contrast Check

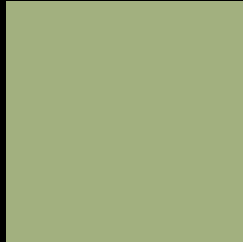
Large Text (above 18pt) WCAG AA × Fail

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 34.2564, 40.2644, 26.0450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

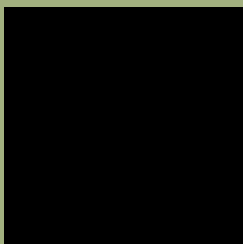
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

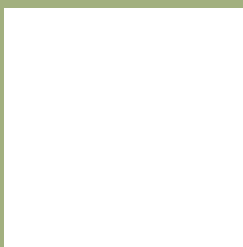
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.2564, 40.2644, 26.0450

Background



This preview shows how black text looks on a background with the XYZ color 34.2564, 40.2644, 26.0450.



This preview shows how white text looks on a background with the XYZ color 34.2564, 40.2644,

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

34.2564, 40.2644, 26.0450

Protanopia

37.5413, 40.2720, 24.8634

Deuteranopia

40.9459, 40.0855, 26.6983



Tritanopia

39.2090, 40.2994, 49.9680

Trichromacy



Original Color

34.2564, 40.2644, 26.0450

Protanomaly

36.1334, 40.0997, 25.2376

Deuteranomaly

38.2148, 40.0293, 26.4812

Tritanomaly

37.2105, 40.3292, 40.0055

Monochromacy



Original Color

34.2564, 40.2644, 26.0450

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.5593, 39.0158, 35.3624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2564, 40.2644, 26.0450 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, 176, 127)` looks like.

```
.text, #text, p{  
    color:rgb(162, 176, 127)  
}
```

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, 176, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 176, 127) }
```

Border

The CSS property to change the border of an element to XYZ 34.2564, 40.2644, 26.0450 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, 176, 127) }
```


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

```
.border{ border-color:rgb(162, 176, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 176, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 176, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 176, 127);  
box-shadow:4px 4px 4px 4px rgb(162, 176,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2564, 40.2644, 26.0450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 176, 127) }
```

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

```
.background{ background-color: rgb(162,  
176, 127) }
```

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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