

Converting Colors

XYZ(34.3410, 40.7494, 24.8300)

Have a look what the booklet for
XYZ(34.3410, 40.7494, 24.8300)
contains.

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Color

**XYZ(34.1976, 40.5557,
24.7645)**

Conversions

Conversions Part 1

Format	Color
Hex	A2B17B
RGB	162, 177, 123
RGB Percent	64%, 69%, 48%
CMY	0.3647, 0.3059, 0.5176
CMYK	0.08, 0.00, 0.31, 0.31
HSL	77°, 26%, 59%
HSV	77°, 31%, 69%
XYZ	34.1976, 40.5557, 24.7645
YIQ	166.3590, 8.3940, -19.9740

Conversions

Conversions Part 2

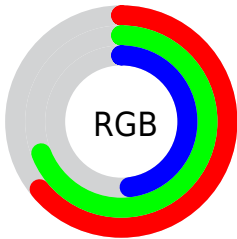
Format	Color
RYB	123, 177, 138
Decimal	10662267
CIELab	69.86, -14.48, 25.96
CIELCh	70, 29.723, 119.152
Yxy	40.5557, 0.3436, 0.4075
Android (android.graphics.Color)	4288852347 (0xFFA2B17B)
YUV	166.3590, -21.3760, -3.8228
Hunter-Lab	63.6834, -15.5924, 21.5223

Details

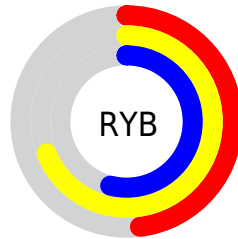
The XYZ color **34.1976, 40.5557, 24.7645** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.5015, 22.7446, 44.6432**, and the grayscale version is **36.5176, 38.4194, 41.8387**.

A 20% lighter version of the original color is **65.5907, 76.1641, 52.3184**, and **14.8741, 18.2247, 9.2123** is the 20% darker color. If you saturate the color by 10%, you get **32.2091, 39.6485, 19.4013**, and if you desaturate by 10%, it is **36.4276, 41.5668, 31.1865**.

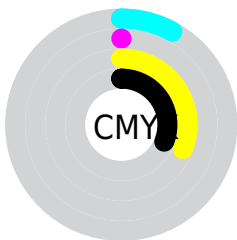
Distribution



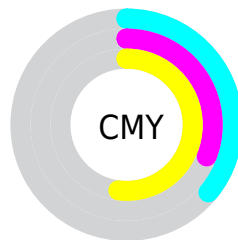
- Red (64%)
- Green (69%)
- Blue (48%)



- Red (48%)
- Yellow (69%)
- Blue (54%)



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





- Cyan (36%)
- Magenta (31%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1976, 40.5557, 24.7645 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 34.1976, 40.5557, 24.7645 by changing the saturation by 10% instead.


 34.1976, 40.5557,
24.7645


 34.1976, 40.5557,
24.7645


312.5827,
348.4602, 290.0731


 23.2091, 27.9721,
15.6843


 65.5831, 76.0090,
52.2343

 14.8695, 18.3046,
9.1491


 86.7107, 99.6474,
71.4609

 8.8136, 11.1689,
4.7404


 111.9488,
127.7396, 94.9068

 4.6759, 6.1806,
2.0397

141.6626,
160.6699, 122.9904

 2.0912, 2.9552,
0.5795

176.2176,
198.8227, 156.1303

 0.6844, 1.1084,
0.0000

215.9790,

 0.0000, 0.0000,

242.5824, 194.7450

0.0000

261.3122,
292.3335, 239.2531

■ 34.1976, 40.5557,
24.7645

■ 34.1976, 40.5557,
24.7645

■ 32.2091, 39.6485,
19.4013

■ 36.4276, 41.5668,
31.1865

■ 30.4477, 38.8353,
15.0373

■ 38.9065, 42.6806,
38.7173

■ 28.9023, 38.1128,
11.6111


■ 41.6451, 43.9028,
47.4069


■ 27.5593, 37.4757,
9.0535


■ 44.6524, 45.2373,
57.3015


■ 26.4031, 36.9176,
7.2856


■ 47.9373, 46.6875,
68.4447


 25.4157, 36.4312,
6.2145

 51.5080, 48.2567,
80.8781

 24.5990, 36.0217,
5.6564

 55.3724, 49.9483,
94.6411

 57.9526, 51.1310,
101.4226

 59.2989, 51.8251,
101.4856

Harmonies

Analogous

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



38.6846, 40.5557, 22.5451



34.1976, 40.5557, 24.7645



31.1107, 40.5557, 31.8758

Triad

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



34.1976, 40.5557, 24.7645



33.9783, 40.5557, 71.1557



48.5988, 40.5557, 44.5531

Complementary

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



34.1976, 40.5557, 24.7645



25.5015, 22.7446, 44.6432

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.



47.0827, 40.5557, 59.2489



34.1976, 40.5557, 24.7645



38.4097, 40.5557, 76.4496

Square

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



34.1976, 40.5557, 24.7645



30.9917, 40.5557, 58.4233



43.2503, 40.5557, 71.6981



47.2400, 40.5557, 32.4276

Rectangle

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



34.1976, 40.5557, 24.7645



30.1263, 40.5557, 39.3392



43.2503, 40.5557, 71.6981



48.4066, 40.5557, 49.3556

Sweetspot

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



34.1986, 40.5575, 24.7654



70.3139, 76.7207, 71.3237



30.7107, 28.7836, 22.6766



15.0930, 16.5617, 15.0048



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.



34.1986, 40.5575, 24.7654



58.6648, 71.4559, 37.3210



29.3871, 38.0771, 24.5402



8.9623, 9.7856, 9.0690



17.8830, 26.1291, 4.1009



0.6157, 0.8495, 0.1315

Inverse Universe

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



25.5015, 22.7446, 44.6432



40.4611, 34.1536, 78.9551



30.4127, 25.2764, 44.8731



8.2563, 8.3406, 10.6811



6.7255, 2.8029, 30.3235



0.2696, 0.1181, 0.9568

Previews

White Background



This preview shows how the XYZ color 34.1976, 40.5557, 24.7645 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 34.1976, 40.5557, 24.7645 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

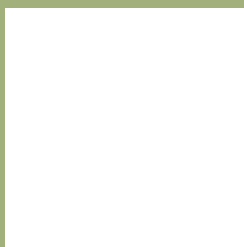
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.1976, 40.5557, 24.7645

Background



This preview shows how black text looks on a background with the XYZ color 34.1976, 40.5557, 24.7645.



This preview shows how white text looks on a background with the XYZ color 34.1976, 40.5557,

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

34.1976, 40.5557, 24.7645

Protanopia

37.5321, 40.2959, 23.5690

Deuteranopia

40.9505, 40.1183, 25.3239



Tritanopia

39.3128, 40.3409, 50.5143

Trichromacy



Original Color

34.1976, 40.5557, 24.7645

Protanomaly

36.2993, 40.4977, 23.9928

Deuteranomaly

38.1978, 40.0507, 25.1194

Tritanomaly

37.1219, 40.2937, 39.5392

Monochromacy



Original Color

34.1976, 40.5557, 24.7645

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.3968, 38.9508, 34.5068

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1976, 40.5557, 24.7645 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, 177, 123)` looks like.

```
.text, #text, p{  
    color:rgb(162, 177, 123)  
}
```

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, 177, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 177, 123) }
```

Border

The CSS property to change the border of an element to XYZ 34.1976, 40.5557, 24.7645 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, 177, 123) }
```


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

```
.border{ border-color:rgb(162, 177, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 177, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 177, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 177, 123);  
box-shadow:4px 4px 4px 4px rgb(162, 177,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1976, 40.5557, 24.7645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 177, 123) }
```

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

```
.background{ background-color: rgb(162,  
177, 123) }
```

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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