

Converting Colors

XYZ(46.4632, 40.1526, 26.7237)

Have a look what the booklet for
XYZ(46.4632, 40.1526, 26.7237)
contains.

XYZ(46.3763, 40.1027, 26.7690)	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(46.3763, 40.1027,
26.7690)**

Conversions

Conversions Part 1

Format	Color
Hex	E19883
RGB	225, 152, 131
RGB Percent	88%, 60%, 51%
CMY	0.1176, 0.4039, 0.4863
CMYK	0.00, 0.32, 0.42, 0.12
HSL	13°, 61%, 70%
HSV	13°, 42%, 88%
XYZ	46.3763, 40.1027, 26.7690
YIQ	171.4330, 50.2490, 8.9450

Conversions

Conversions Part 2

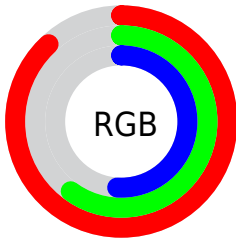
Format	Color
R _Y B	225, 158, 131
Decimal	14784643
CIE Lab	69.54, 24.91, 22.20
CIE LCh	70, 33.366, 41.699
Yxy	40.1027, 0.4095, 0.3541
Android (android.graphics.Color)	4292974723 (0xFFE19883)
YUV	171.4330, -19.9335, 46.9783
Hunter-Lab	63.3267, 19.8999, 19.2660

Details

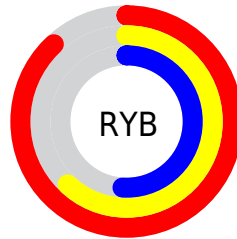
The XYZ color **46.3763, 40.1027, 26.7690** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **44.5426, 53.4451, 79.2024**, and the grayscale version is **39.0069, 41.0383, 44.6907**.

A 20% lighter version of the original color is **72.2046, 69.3463, 54.9270**, and **21.9787, 17.9239, 10.0858** is the 20% darker color. If you saturate the color by 10%, you get **42.3839, 34.2991, 18.7141**, and if you desaturate by 10%, it is **51.1197, 46.8782, 36.7086**.

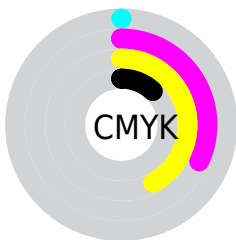
Distribution



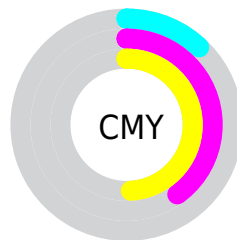
- Red (88%)
- Green (60%)
- Blue (51%)



- Red (88%)
- Yellow (62%)
- Blue (51%)



- Cyan (0%)
- Magenta (32%)
- Yellow (42%)
- Black (12%)





- Cyan (12%)
- Magenta (40%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.3763, 40.1027, 26.7690 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 46.3763, 40.1027, 26.7690 by changing the saturation by 10% instead.


 46.3763, 40.1027,
26.7690


 46.3763, 40.1027,
26.7690


363.0101,
346.5562, 300.2616


 32.7487, 27.6186,
17.1689


 84.0063, 75.3199,
55.5122

 22.0923, 18.0384,
10.1918


 108.7395, 98.8218,
75.4924

 14.0418, 10.9775,
5.4190


 137.9052,
126.7651, 99.7697

 8.2316, 6.0517,
2.4321

171.8689,
159.5341, 128.7626

 4.2966, 2.8766,
0.8039

210.9959,
197.5134, 162.8897

 1.8712, 1.0676,
0.0000

255.6515,

 0.5600, 0.0000,

241.0872, 202.5696

0.0000

306.2011,
290.6401, 248.2207

0.0000, 0.0000,
0.0000

46.3763, 40.1027,
26.7690

46.3763, 40.1027,
26.7690

42.3839, 34.2991,
18.7141

51.1197, 46.8782,
36.7086

39.0995, 29.4164,
12.4215

56.6477, 54.6617,
48.6400

36.4805, 25.4078,
7.7579

62.9957, 63.4948,
62.6652

34.4777, 22.2199,
4.5696

70.1959, 73.4147,
78.8782

33.0346, 19.7928,
2.6733

78.2788, 84.4570,
97.3675

■ 32.2038, 18.3126,
1.8374

■ 84.8613, 94.7475,
108.4232

Harmonies

Analogous

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



49.1736, 40.1027, 37.9271



46.3763, 40.1027, 26.7690



41.4588, 40.1027, 21.1394

Triad

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



46.3763, 40.1027, 26.7690



29.1119, 40.1027, 35.0049



40.2535, 40.1027, 79.5881

Complementary

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



46.3763, 40.1027, 26.7690



44.5426, 53.4451, 79.2024

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.



34.9586, 40.1027, 78.2775



46.3763, 40.1027, 26.7690



28.8550, 40.1027, 49.9543

Square

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



46.3763, 40.1027, 26.7690



31.6389, 40.1027, 25.0652



30.9006, 40.1027, 66.4948



45.4227, 40.1027, 69.7400

Rectangle

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



46.3763, 40.1027, 26.7690



37.8104, 40.1027, 20.2364



30.9006, 40.1027, 66.4948



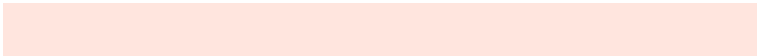
38.4241, 40.1027, 80.4907

Sweetspot

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



46.3773, 40.1047, 26.7698



82.4954, 82.7072, 80.6180



50.1430, 36.6306, 61.9535



17.2427, 17.1273, 16.3346



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.



46.3773, 40.1047, 26.7698



56.9904, 46.5792, 26.2369



55.4262, 58.2024, 29.7861



13.9544, 14.1948, 14.3112



18.6292, 10.6962, 1.0827



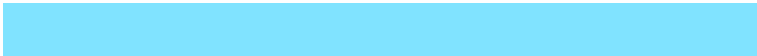
1.3579, 0.8748, 0.0973

Inverse Universe

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



44.5426, 53.4451, 79.2024



54.2121, 66.4406, 104.5748



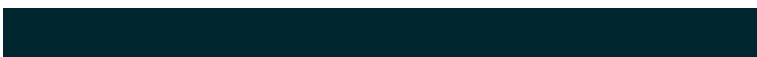
35.1154, 34.5907, 76.0600



13.8432, 15.0255, 17.5583



16.7251, 20.9197, 44.2048



1.2240, 1.5794, 3.0856

Previews

White Background



This preview shows how the XYZ color 46.3763, 40.1027, 26.7690 looks on a white background.

Color Contrast Check

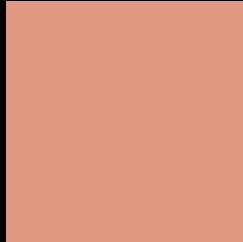
Large Text (above 18pt) WCAG AA × Fail

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 46.3763, 40.1027, 26.7690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

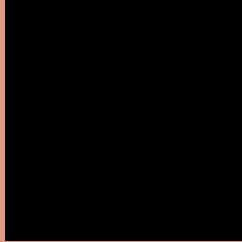
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.3763, 40.1027, 26.7690

Background



This preview shows how black text looks on a background with the XYZ color 46.3763, 40.1027, 26.7690.



This preview shows how white text looks on a background with the XYZ color 46.3763, 40.1027,

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

46.3763, 40.1027, 26.7690

Protanopia

37.8573, 40.3168, 30.2127

Deuteranopia

40.8791, 40.0587, 26.3464



Tritanopia

48.8428, 40.1770, 37.9815

Trichromacy



Original Color

46.3763, 40.1027, 26.7690

Protanomaly

40.3061, 39.7077, 28.8325

Deuteranomaly

42.7219, 39.9633, 26.5811

Tritanomaly

47.8508, 39.9957, 33.6317

Monochromacy



Original Color

46.3763, 40.1027, 26.7690

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

40.7621, 40.0276, 37.0302

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.3763, 40.1027, 26.7690 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(225, 152, 131)` looks like.

```
.text, #text, p{  
    color:rgb(225, 152, 131)  
}
```

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(225, 152, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 152, 131) }
```

Border

The CSS property to change the border of an element to XYZ 46.3763, 40.1027, 26.7690 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(225, 152, 131) }
```


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

```
.border{ border-color:rgb(225, 152, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 152, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 152, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 152, 131);  
box-shadow:4px 4px 4px 4px rgb(225, 152,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 46.3763, 40.1027, 26.7690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 152, 131) }
```

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

```
.background{ background-color: rgb(225,  
152, 131) }
```

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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