

Converting Colors

XYZ(53.6096, 47.1126, 26.5572)

Have a look what the booklet for
XYZ(53.6096, 47.1126, 26.5572)
contains.

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Color

**XYZ(53.6270, 47.1696,
26.7003)**

Conversions

Conversions Part 1

Format	Color
Hex	F1A580
RGB	241, 165, 128
RGB Percent	95%, 65%, 50%
CMY	0.0549, 0.3529, 0.4980
CMYK	0.00, 0.32, 0.47, 0.05
HSL	20°, 80%, 72%
HSV	20°, 47%, 95%
XYZ	53.6270, 47.1696, 26.7003
YIQ	183.5060, 57.1730, 4.6050

Conversions

Conversions Part 2

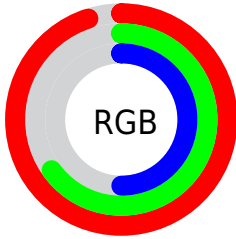
Format	Color
R_{YB}	241, 183, 128
Decimal	15836544
CIE _{Lab}	74.30, 23.94, 30.50
CIE _{LCh}	74, 38.778, 51.869
Yxy	47.1696, 0.4206, 0.3700
Android (android.graphics.Color)	4294026624 (0xFFFF1A580)
YUV	183.5060, -27.3645, 50.4222
Hunter-Lab	68.6801, 19.1866, 25.0263

Details

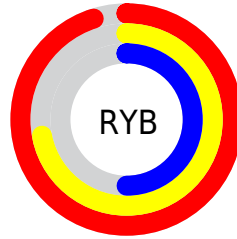
The XYZ color **53.6270, 47.1696, 26.7003** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **46.3710, 54.1232, 91.2215**, and the grayscale version is **45.4126, 47.7776, 52.0298**.

A 20% lighter version of the original color is **75.1737, 75.7826, 54.3815**, and **26.5717, 22.3054, 10.1126** is the 20% darker color. If you saturate the color by 10%, you get **49.4848, 41.1295, 18.4012**, and if you desaturate by 10%, it is **58.5187, 54.1060, 37.1086**.

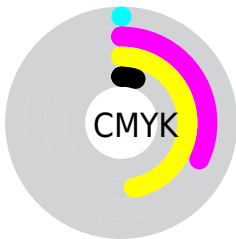
Distribution



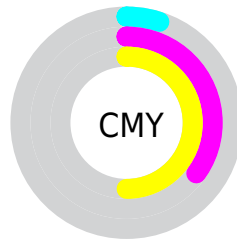
- Red (95%)
- Green (65%)
- Blue (50%)



- Red (95%)
- Yellow (72%)
- Blue (50%)



- Cyan (0%)
- Magenta (32%)
- Yellow (47%)
- Black (5%)





- Cyan (5%)
- Magenta (35%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.6270, 47.1696, 26.7003 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 53.6270, 47.1696, 26.7003 by changing the saturation by 10% instead.

 53.6270, 47.1696,
26.7003


 53.6270, 47.1696,
26.7003


390.9076,
375.4911, 299.9172


 38.5330, 33.1698,
17.1178


 94.6865, 85.9667,
55.4004

 26.5757, 22.2565,
10.1557


 121.3827,
111.5328, 75.3552

 17.3898, 14.0455,
5.3954


 152.6770,
141.7231, 99.6045

 10.6098, 8.1523,
2.4183

188.9347,
176.9219, 128.5668

 5.8705, 4.1926,
0.7964

230.5213,
217.5137, 162.6606

 2.8064, 1.7819,
0.0000

277.8021,

 1.0522, 0.4758,

263.8830, 202.3047

0.0000

331.1424,
316.4139, 247.9173

■ 0.0000, 0.0000,
0.0000

■ 53.6270, 47.1696,
26.7003

■ 53.6270, 47.1696,
26.7003

■ 49.4848, 41.1295,
18.4012

■ 58.5187, 54.1060,
37.1086

■ 46.0478, 35.9404,
12.0613

■ 64.1941, 61.9676,
49.7565

■ 43.2717, 31.5628,
7.5148

■ 70.6889, 70.7907,
64.7667

■ 41.1049, 27.9510,
4.5669

■ 78.0360, 80.6073,
82.2526

■ 39.4844, 25.0529,
2.9701

■ 86.2660, 91.4478,
102.3198

■ 39.0659, 24.2816,
2.6278

■ 90.0854, 97.4407,
108.6677

Harmonies

Analogous

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



58.4546, 47.1696, 38.3501



53.6270, 47.1696, 26.7003



46.7555, 47.1696, 21.9658

Triad

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



53.6270, 47.1696, 26.7003



32.8331, 47.1696, 46.1204



50.0121, 47.1696, 95.8426

Complementary

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



53.6270, 47.1696, 26.7003



46.3710, 54.1232, 91.2215

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.



42.9645, 47.1696, 99.4889



53.6270, 47.1696, 26.7003



33.5117, 47.1696, 67.0216

Square

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



53.6270, 47.1696, 26.7003



35.0972, 47.1696, 31.1205



37.0576, 47.1696, 87.8479



56.2215, 47.1696, 78.8878

Rectangle

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



53.6270, 47.1696, 26.7003



42.1334, 47.1696, 22.2134



37.0576, 47.1696, 87.8479



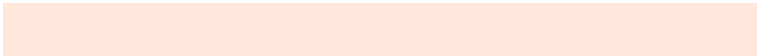
47.6461, 47.1696, 98.8151

Sweetspot

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



53.6282, 47.1719, 26.7012



82.6392, 83.5372, 78.9938



55.0405, 38.5577, 62.4363



17.3160, 17.3806, 16.0301



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.



53.6282, 47.1719, 26.7012



56.5679, 47.2185, 21.5203



65.8394, 71.5944, 30.7716



16.1955, 16.6042, 16.5011



21.2940, 13.3860, 1.4614



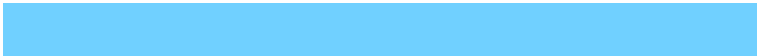
1.8589, 1.2884, 0.1507

Inverse Universe

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



46.3710, 54.1232, 91.2215



47.3708, 55.9044, 102.9017



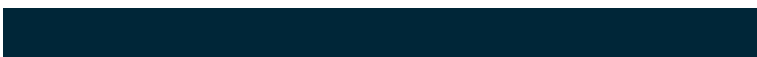
35.4823, 32.3459, 87.5919



15.7858, 17.0056, 20.1720



15.7517, 17.7277, 47.7195



1.4007, 1.6554, 3.9999

Previews

White Background



This preview shows how the XYZ color 53.6270, 47.1696, 26.7003 looks on a white background.

Color Contrast Check

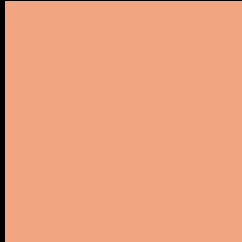
Large Text (above 18pt) WCAG AA × Fail

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 53.6270, 47.1696, 26.7003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

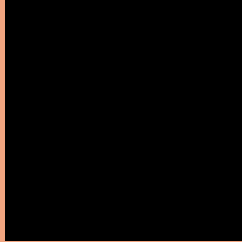
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6270, 47.1696, 26.7003

Background



This preview shows how black text looks on a background with the XYZ color 53.6270, 47.1696, 26.7003.



This preview shows how white text looks on a background with the XYZ color 53.6270, 47.1696,

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

53.6270, 47.1696, 26.7003

Protanopia

44.1424, 47.3803, 30.1113

Deuteranopia

48.3093, 47.2264, 26.3081



Tritanopia

57.4050, 47.1490, 44.6032

Trichromacy



Original Color

53.6270, 47.1696, 26.7003

Protanomaly

46.9103, 46.7412, 28.7398

Deuteranomaly

50.0722, 46.9890, 26.5094

Tritanomaly

55.9695, 47.0894, 37.1496

Monochromacy



Original Color

53.6270, 47.1696, 26.7003

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

47.5998, 47.1038, 41.7051

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6270, 47.1696, 26.7003 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(241, 165, 128)` looks like.

```
.text, #text, p{  
    color:rgb(241, 165, 128)  
}
```

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(241, 165, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 165, 128) }
```

Border

The CSS property to change the border of an element to XYZ 53.6270, 47.1696, 26.7003 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(241, 165, 128) }
```


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

```
.border{ border-color:rgb(241, 165, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 165, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 165, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 165, 128);  
box-shadow:4px 4px 4px 4px rgb(241, 165,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6270, 47.1696, 26.7003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 165, 128) }
```

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

```
.background{ background-color: rgb(241,  
165, 128) }
```

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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