

Converting Colors

XYZ(55.2229, 49.0767, 26.1665)

Have a look what the booklet for
XYZ(55.2229, 49.0767, 26.1665)
contains.

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Color

**XYZ(55.2621, 49.1154,
26.3063)**

Conversions

Conversions Part 1

Format	Color
Hex	F4A97E
RGB	244, 169, 126
RGB Percent	96%, 66%, 49%
CMY	0.0431, 0.3372, 0.5059
CMYK	0.00, 0.31, 0.48, 0.04
HSL	22°, 84%, 73%
HSV	22°, 48%, 96%
XYZ	55.2621, 49.1154, 26.3063
YIQ	186.5230, 58.5030, 2.5270

Conversions

Conversions Part 2

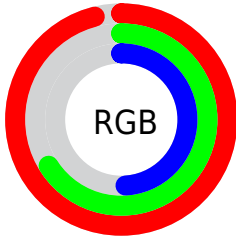
Format	Color
RYB	244, 194, 126
Decimal	16034174
CIELab	75.52, 22.82, 33.23
CIELCh	76, 40.314, 55.523
Yxy	49.1154, 0.4229, 0.3758
Android (android.graphics.Color)	4294224254 (0xFFFF4A97E)
YUV	186.5230, -29.8378, 50.4073
Hunter-Lab	70.0824, 18.1085, 26.8024

Details

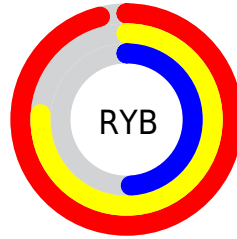
The XYZ color **55.2621, 49.1154, 26.3063** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **45.8190, 52.7383, 93.3523**, and the grayscale version is **47.1061, 49.5593, 53.9701**.

A 20% lighter version of the original color is **76.0323, 77.8260, 53.6624**, and **27.6734, 23.5587, 9.9262** is the 20% darker color. If you saturate the color by 10%, you get **51.1598, 43.1307, 18.0957**, and if you desaturate by 10%, it is **60.0930, 55.9429, 36.6549**.

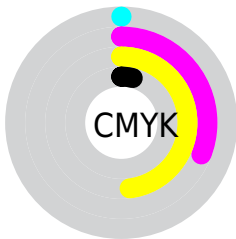
Distribution



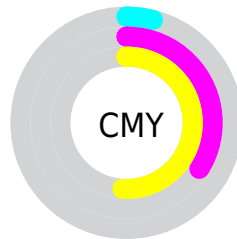
- Red (96%)
- Green (66%)
- Blue (49%)



- Red (96%)
- Yellow (76%)
- Blue (49%)



- Cyan (0%)
- Magenta (31%)
- Yellow (48%)
- Black (4%)




- Cyan (4%)
- Magenta (34%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.2621, 49.1154, 26.3063 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 55.2621, 49.1154, 26.3063 by changing the saturation by 10% instead.


 55.2621, 49.1154,
26.3063


 55.2621, 49.1154,
26.3063


397.0250,
383.1964, 297.9356


 39.8463, 34.7110,
16.8251


 97.0710, 88.8628,
54.7588

 27.6024, 23.4404,
9.9492


 124.1947,
114.9747, 74.5672

 18.1651, 14.9190,
5.2601


 155.9518,
145.7578, 98.6551

 11.1690, 8.7626,
2.3393

192.7076,
181.5966, 127.4410

 6.2487, 4.5866,
0.7531

234.8274,
222.8755, 161.3435

 3.0390, 2.0068,
0.0000

282.6767,

 1.1744, 0.6114,

269.9788, 200.7810

0.0000

336.6208,
323.2910, 246.1722

■ 0.0860, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.2621, 49.1154,
26.3063

■ 55.2621, 49.1154,
26.3063

■ 51.1598, 43.1307,
18.0957

■ 60.0930, 55.9429,
36.6549

■ 47.7421, 37.9464,
11.8667

■ 65.6857, 63.6388,
49.2769

■ 44.9654, 33.5266,
7.4457

■ 72.0756, 72.2364,
64.2999

■ 42.7779, 29.8295,
4.6270

■ 79.2946, 81.7651,
81.8410

■ 41.1114, 26.8046,
3.1219

■ 87.3728, 92.2529,
102.0098

■ 40.8744, 26.3656,
2.9347

■ 91.1181, 97.9730,
108.7160

Harmonies

Analogous

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



60.8256, 49.1154, 37.6906



55.2621, 49.1154, 26.3063



47.8089, 49.1154, 22.1395

Triad

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



55.2621, 49.1154, 26.3063



33.8188, 49.1154, 50.3419



53.1247, 49.1154, 99.6496

Complementary

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



55.2621, 49.1154, 26.3063



45.8190, 52.7383, 93.3523

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.



45.5743, 49.1154, 105.6328



55.2621, 49.1154, 26.3063



34.9219, 49.1154, 73.1541

Square

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



55.2621, 49.1154, 26.3063



35.8507, 49.1154, 33.4696



39.0407, 49.1154, 94.8824



59.5025, 49.1154, 80.1983

Rectangle

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



55.2621, 49.1154, 26.3063



42.9564, 49.1154, 22.9093



39.0407, 49.1154, 94.8824



50.6185, 49.1154, 103.4908

Sweetspot

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



55.2633, 49.1178, 26.3073



82.2212, 83.2354, 77.2078



55.5130, 38.4527, 60.8092



17.2493, 17.3523, 15.6839



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.



55.2633, 49.1178, 26.3073



56.6445, 47.8143, 20.1811



68.3521, 75.2955, 30.6702



16.9936, 17.4713, 17.2742



22.3438, 14.5732, 1.6353



2.0581, 1.4694, 0.1751

Inverse Universe

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



45.8190, 52.7383, 93.3523



45.0348, 52.1707, 102.3041



34.8616, 30.8236, 89.6998



16.4593, 17.6829, 21.0882



15.3935, 16.5808, 48.9271



1.4505, 1.6524, 4.3327

Previews

White Background



This preview shows how the XYZ color 55.2621, 49.1154, 26.3063 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 55.2621, 49.1154, 26.3063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

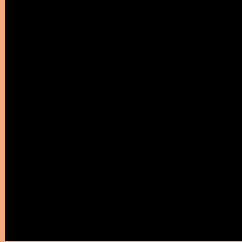
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.2621, 49.1154, 26.3063

Background



This preview shows how black text looks on a background with the XYZ color 55.2621, 49.1154, 26.3063.



This preview shows how white text looks on a background with the XYZ color 55.2621, 49.1154,

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

55.2621, 49.1154, 26.3063

Protanopia

45.8799, 49.2288, 29.2743

Deuteranopia

50.2990, 49.1433, 25.9034



Tritanopia

59.5465, 49.2460, 46.9244

Trichromacy



Original Color

55.2621, 49.1154, 26.3063

Protanomaly

48.9658, 49.0059, 27.9974

Deuteranomaly

51.9866, 49.1295, 26.1450

Tritanomaly

57.8987, 49.1187, 38.3276

Monochromacy



Original Color

55.2621, 49.1154, 26.3063

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

49.1252, 48.7690, 42.4215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2621, 49.1154, 26.3063 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(244, 169, 126)` looks like.

```
.text, #text, p{  
    color:rgb(244, 169, 126)  
}
```

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(244, 169, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 169, 126) }
```

Border

The CSS property to change the border of an element to XYZ 55.2621, 49.1154, 26.3063 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(244, 169, 126) }
```


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

```
.border{ border-color:rgb(244, 169, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 169, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 169, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 169, 126);  
box-shadow:4px 4px 4px 4px rgb(244, 169,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2621, 49.1154, 26.3063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 169, 126) }
```

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

```
.background{ background-color: rgb(244,  
169, 126) }
```

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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