

Converting Colors

XYZ(55.5656, 78.1626, 26.3456)

Have a look what the booklet for
XYZ(55.5656, 78.1626, 26.3456)
contains.

XYZ(55.5656, 78.1626, 26.3456)	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(55.5656, 78.1626,
26.3456)**

Conversions

Conversions Part 1

Format	Color
Hex	B6F86C
RGB	182, 248, 108
RGB Percent	71%, 97%, 42%
CMY	0.2863, 0.0274, 0.5765
CMYK	0.27, 0.00, 0.56, 0.03
HSL	88°, 91%, 70%
HSV	88°, 56%, 97%
XYZ	55.5656, 78.1626, 26.3456
YIQ	212.3060, 5.6040, -57.5320

Conversions

Conversions Part 2

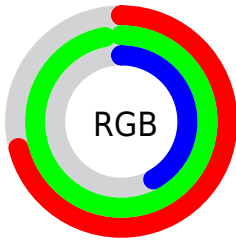
Format	Color
RYB	108, 248, 174
Decimal	11991148
CIELab	90.85, -42.50, 59.60
CIElCh	91, 73.203, 125.489
Yxy	78.1626, 0.3471, 0.4883
Android (android.graphics.Color)	4290181228 (0xFFB6F86C)
YUV	212.3060, -51.4229, -26.5784
Hunter-Lab	88.4096, -42.5293, 44.2186

Details

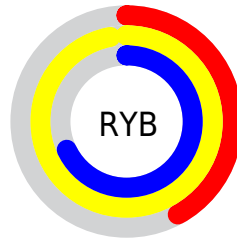
The XYZ color **55.5656, 78.1626, 26.3456** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **39.7647, 26.5033, 91.8312**, and the grayscale version is **63.1139, 66.4007, 72.3104**.

A 20% lighter version of the original color is **78.6465, 92.8651, 48.4300**, and **27.7309, 41.8786, 9.9900** is the 20% darker color. If you saturate the color by 10%, you get **51.7824, 76.3462, 20.2319**, and if you desaturate by 10%, it is **59.9585, 80.2549, 34.4501**.

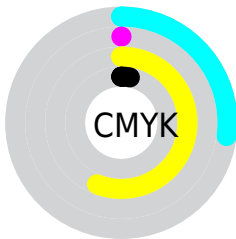
Distribution



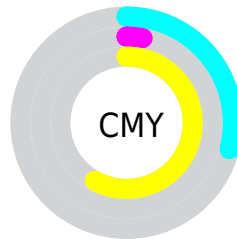
- Red (71%)
- Green (97%)
- Blue (42%)



- Red (42%)
- Yellow (97%)
- Blue (68%)



- Cyan (27%)
- Magenta (0%)
- Yellow (56%)
- Black (3%)



- Cyan (29%)
- Magenta (3%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5656, 78.1626, 26.3456 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 55.5656, 78.1626, 26.3456 by changing the saturation by 10% instead.

■ 55.5656, 78.1626,
26.3456

■ 55.5656, 78.1626,
26.3456

398.1540,
488.7189, 298.1338

■ 40.0904, 58.2076,
16.8543

■ 97.5127, 130.7793,
54.8229

■ 27.7935, 41.9755,
9.9698

■ 124.7152,
164.2098, 74.6459

■ 18.3097, 29.0821,
5.2736

■ 156.5575,
202.9008, 98.7499

■ 11.2736, 19.1430,
2.3471

■ 193.4051,
247.2369, 127.5535

■ 6.3198, 11.7736,
0.7574

235.6231,
297.6023, 161.4751

■ 3.0830, 6.5897,
0.0000

283.5771,

■ 1.1978, 3.2069,

354.3815, 200.9333

0.0000

337.6322,
417.9589, 246.3467

0.1046, 1.2407,
0.0000

0.0000, 0.0945,
0.0000

55.5656, 78.1626,
26.3456

55.5656, 78.1626,
26.3456

51.7824, 76.3462,
20.2319

59.9585, 80.2549,
34.4501

48.5649, 74.7794,
15.9312


64.9899, 82.6271,
44.6931


45.8708, 73.4472,
13.2426


70.6929, 85.2959,
57.2139


43.6460, 72.3274,
11.9130

77.0966, 88.2734,
72.1387

 42.9416, 71.9699,
11.6283

 84.2279, 91.5710,
89.5846

 91.8202, 95.0826,
108.1211

 92.8591, 95.6181,
108.1697

Harmonies

Analogous

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



70.9540, 78.1626, 18.7975



55.5656, 78.1626, 26.3456



46.4968, 78.1626, 49.5747

Triad

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



55.5656, 78.1626, 26.3456



60.5431, 78.1626, 214.8064



115.4246, 78.1626, 75.7657

Complementary

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



55.5656, 78.1626, 26.3456



39.7647, 26.5033, 91.8312

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.



111.4077, 78.1626, 134.5127



55.5656, 78.1626, 26.3456



77.7314, 78.1626, 231.2968

Square

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



55.5656, 78.1626, 26.3456



49.0204, 78.1626, 158.6324



96.8119, 78.1626, 197.3144



107.0271, 78.1626, 38.7511

Rectangle

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



55.5656, 78.1626, 26.3456



44.2776, 78.1626, 77.3737



96.8119, 78.1626, 197.3144



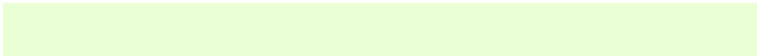
115.4953, 78.1626, 93.3366

Sweetspot

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



55.5675, 78.1660, 26.3473



81.7161, 93.8435, 75.8628



56.4288, 51.0572, 21.0693



17.1856, 19.9448, 15.5143



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.



55.5675, 78.1660, 26.3473



54.5564, 81.0357, 20.6691



43.0438, 71.7098, 25.7612



17.8932, 19.7607, 18.3335



23.3594, 38.9605, 6.2890



2.2859, 3.6715, 0.5882

Inverse Universe

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



39.7647, 26.5033, 91.8312



36.2135, 21.0181, 96.7560



59.3863, 36.6186, 92.7494



17.0613, 17.0442, 21.7759



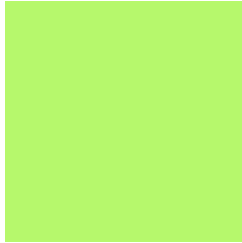
13.2692, 5.7832, 48.3905



1.3503, 0.5982, 4.4875

Previews

White Background



This preview shows how the XYZ color 55.5656, 78.1626, 26.3456 looks on a white background.

Color Contrast Check

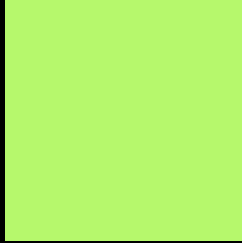
Large Text (above 18pt) WCAG AA × Fail

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 55.5656, 78.1626, 26.3456 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

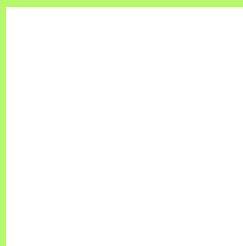
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.5656, 78.1626, 26.3456

Background



This preview shows how black text looks on a background with the XYZ color 55.5656, 78.1626, 26.3456.



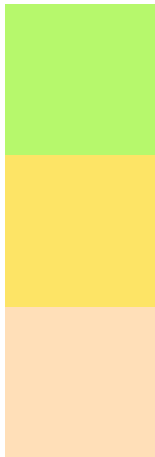
This preview shows how white text looks on a background with the XYZ color 55.5656, 78.1626,

26.3456.

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

55.5656, 78.1626, 26.3456

Protanopia

70.6497, 77.3288, 23.7727

Deuteranopia

76.2794, 77.4960, 56.2853



Tritanopia

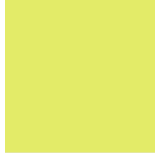
71.0667, 77.8627, 103.3788

Trichromacy



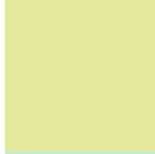
Original Color

55.5656, 78.1626, 26.3456



Protanomaly

63.8856, 76.7470, 24.5432



Deuteranomaly

66.8523, 76.6075, 42.7157



Tritanomaly

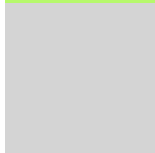
63.5055, 76.9213, 66.1438

Monochromacy



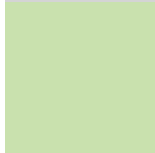
Original Color

55.5656, 78.1626, 26.3456



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

58.6526, 69.3239, 50.3339

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5656, 78.1626, 26.3456 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(182, 248, 108)` looks like.

```
.text, #text, p{  
    color:rgb(182, 248, 108)  
}
```

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(182, 248, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 248, 108) }
```

Border

The CSS property to change the border of an element to XYZ 55.5656, 78.1626, 26.3456 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(182, 248, 108) }
```


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

```
.border{ border-color:rgb(182, 248, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 248, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 248, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 248, 108); box-shadow:4px 4px 4px 4px rgb(182, 248, 108) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5656, 78.1626, 26.3456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 248, 108) }
```

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

```
.background{ background-color: rgb(182,  
248, 108) }
```

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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