

Converting Colors

XYZ(47.7527, 61.7790, 29.4864)

Have a look what the booklet for
XYZ(47.7527, 61.7790, 29.4864)
contains.

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Color

**XYZ(47.7527, 61.7790,
29.4864)**

Conversions

Conversions Part 1

Format	Color
Hex	B3DB7F
RGB	179, 219, 127
RGB Percent	70%, 86%, 50%
CMY	0.2980, 0.1412, 0.5020
CMYK	0.18, 0.00, 0.42, 0.14
HSL	86°, 56%, 68%
HSV	86°, 42%, 86%
XYZ	47.7527, 61.7790, 29.4864
YIQ	196.5520, 5.6920, -37.0920

Conversions

Conversions Part 2

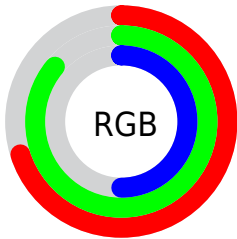
Format	Color
RYB	127, 219, 167
Decimal	11787135
CIELab	82.80, -28.36, 40.94
CIELCh	83, 49.804, 124.706
Yxy	61.7790, 0.3435, 0.4444
Android (android.graphics.Color)	4289977215 (0xFFB3DB7F)
YUV	196.5520, -34.2891, -15.3931
Hunter-Lab	78.5996, -29.1028, 32.7773

Details

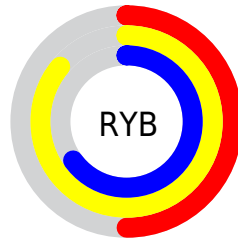
The XYZ color **47.7527, 61.7790, 29.4864** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **36.3144, 28.5104, 70.6103**, and the grayscale version is **52.9998, 55.7600, 60.7226**.

A 20% lighter version of the original color is **78.6926, 92.6891, 57.4593**, and **23.0374, 31.4327, 11.6904** is the 20% darker color. If you saturate the color by 10%, you get **44.3527, 60.1755, 22.6696**, and if you desaturate by 10%, it is **51.6180, 63.5904, 37.9468**.

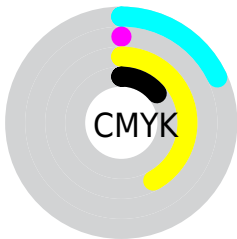
Distribution



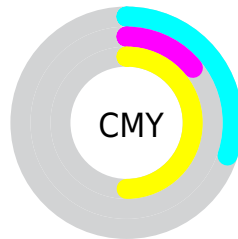
- Red (70%)
- Green (86%)
- Blue (50%)



- Red (50%)
- Yellow (86%)
- Blue (65%)



- Cyan (18%)
- Magenta (0%)
- Yellow (42%)
- Black (14%)



- Cyan (30%)
- Magenta (14%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.7527, 61.7790, 29.4864 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 47.7527, 61.7790, 29.4864 by changing the saturation by 10% instead.

■ 47.7527, 61.7790,
29.4864

■ 47.7527, 61.7790,
29.4864

368.4100,
431.1245, 313.6355

■ 33.8415, 44.8542,
19.2003

■ 86.0480, 107.4061,
59.9004

■ 22.9342, 31.3426,
11.6369

■ 111.1629,
136.8771, 80.8654

■ 14.6653, 20.8598,
6.3774

■ 140.7430,
171.2989, 106.2271

■ 8.6696, 13.0216,
3.0034

175.1537,
211.0560, 136.4041

■ 4.5817, 7.4434,
1.0964

214.7604,
256.5327, 171.8149

■ 2.0362, 3.7409,
0.0000

259.9285,

■ 0.6542, 1.5297,

308.1134, 212.8780

0.0000

311.0232,
366.1825, 260.0120

■ 0.0000, 0.3095,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 47.7527, 61.7790,
29.4864

■ 47.7527, 61.7790,
29.4864

■ 44.3527, 60.1755,
22.6696

■ 51.6180, 63.5904,
37.9468

■ 41.3901, 58.7622,
17.3852


■ 55.9656, 65.6104,
48.1444


■ 38.8406, 57.5309,
13.5150


■ 60.8168, 67.8501,
60.1702


■ 36.6748, 56.4695,
10.9212


■ 66.1903, 70.3173,
74.1079


 34.8580, 55.5639,
9.4388

 72.1037, 73.0194,
90.0361

 33.6128, 54.9341,
8.8318

 78.0204, 75.7419,
105.1153

 81.2696, 77.4170,
105.2673

 84.6228, 79.1456,
105.4243

Harmonies

Analogous

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



57.0449, 61.7790, 23.9339



47.7527, 61.7790, 29.4864



41.9924, 61.7790, 45.0754

Triad

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



47.7527, 61.7790, 29.4864



50.3492, 61.7790, 135.9575



81.7379, 61.7790, 62.5411

Complementary

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



47.7527, 61.7790, 29.4864



36.3144, 28.5104, 70.6103

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.



79.3850, 61.7790, 95.7567



47.7527, 61.7790, 29.4864



60.4257, 61.7790, 144.8701

Square

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



47.7527, 61.7790, 29.4864



43.3587, 61.7790, 106.7640



71.2477, 61.7790, 128.3648



77.3362, 61.7790, 38.9548

Rectangle

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



47.7527, 61.7790, 29.4864



40.5011, 61.7790, 61.9686



71.2477, 61.7790, 128.3648



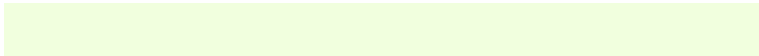
81.7149, 61.7790, 72.8588

Sweetspot

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



47.7542, 61.7817, 29.4877



85.0591, 95.4138, 82.9355



46.8408, 44.1831, 26.1390



17.8702, 20.2676, 16.9077



0.0000, 0.0000, 0.0000



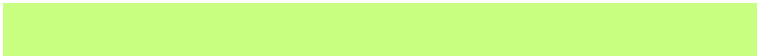
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47.7542, 61.7817, 29.4877



63.3256, 85.2843, 33.3739



38.8581, 57.1956, 29.0714



13.5872, 14.9674, 13.8985



20.0576, 32.6376, 5.2425



1.3976, 2.1650, 0.3442

Inverse Universe

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



36.3144, 28.5104, 70.6103



45.2182, 32.5881, 98.5146



47.7798, 34.4211, 71.1469



12.8731, 12.8927, 16.4622



10.5145, 4.5446, 40.0614



0.7788, 0.3448, 2.5999

Previews

White Background



This preview shows how the XYZ color 47.7527, 61.7790, 29.4864 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 47.7527, 61.7790, 29.4864 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 47.7527, 61.7790, 29.4864

Background



This preview shows how black text looks on a background with the XYZ color 47.7527, 61.7790, 29.4864.



This preview shows how white text looks on a background with the XYZ color 47.7527, 61.7790,

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

47.7527, 61.7790, 29.4864

Protanopia

56.6355, 61.5553, 27.3087

Deuteranopia

62.6162, 61.1023, 30.3235



Tritanopia

58.0027, 61.8310, 79.3985

Trichromacy



Original Color

47.7527, 61.7790, 29.4864

Protanomaly

52.9448, 61.4537, 28.1400

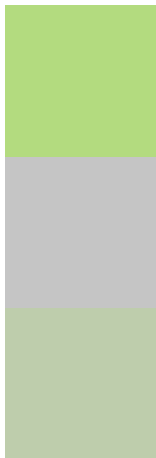
Deuteranomaly

56.0536, 60.4854, 29.8396

Tritanomaly

53.4678, 61.4525, 57.1876

Monochromacy



Original Color

47.7527, 61.7790, 29.4864

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

50.5129, 57.5884, 47.4831

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.7527, 61.7790, 29.4864 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(179, 219, 127)` looks like.

```
.text, #text, p{  
    color:rgb(179, 219, 127)  
}
```

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(179, 219, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 219, 127) }
```

Border

The CSS property to change the border of an element to XYZ 47.7527, 61.7790, 29.4864 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(179, 219, 127) }
```


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

```
.border{ border-color:rgb(179, 219, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 219, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 219, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 219, 127);  
box-shadow:4px 4px 4px 4px rgb(179, 219,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 47.7527, 61.7790, 29.4864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 219, 127) }
```

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

```
.background{ background-color: rgb(179,  
219, 127) }
```

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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