

Converting Colors

XYZ(46.8024, 53.8376, 25.8890)

Have a look what the booklet for
XYZ(46.8024, 53.8376, 25.8890)
contains.

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Color

**XYZ(46.6712, 53.6390,
25.9827)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C679
RGB	197, 198, 121
RGB Percent	77%, 78%, 47%
CMY	0.2275, 0.2235, 0.5255
CMYK	0.01, 0.00, 0.39, 0.22
HSL	61°, 40%, 63%
HSV	61°, 39%, 78%
XYZ	46.6712, 53.6390, 25.9827
YIQ	188.9230, 24.1210, -24.1590

Conversions

Conversions Part 2

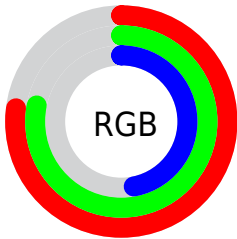
Format	Color
RYB	121, 198, 122
Decimal	12961401
CIELab	78.25, -11.79, 38.45
CIElCh	78, 40.216, 107.047
Yxy	53.6390, 0.3695, 0.4247
Android (android.graphics.Color)	4291151481 (0xFFC5C679)
YUV	188.9230, -33.4860, 7.0835
Hunter-Lab	73.2387, -14.4188, 30.2329

Details

The XYZ color **46.6712, 53.6390, 25.9827** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **25.0585, 21.8909, 56.3340**, and the grayscale version is **48.5027, 51.0286, 55.5702**.

A 20% lighter version of the original color is **84.6400, 95.8360, 54.0816**, and **22.2659, 26.1522, 9.8356** is the 20% darker color. If you saturate the color by 10%, you get **45.5124, 53.1696, 20.2278**, and if you desaturate by 10%, it is **48.0820, 54.2131, 33.0524**.

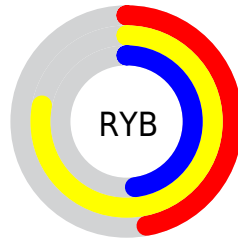
Distribution



Red (77%)

Green (78%)

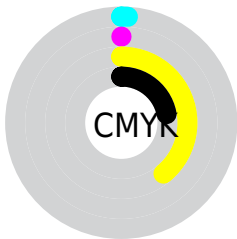
Blue (47%)



Red (47%)

Yellow (78%)

Blue (48%)

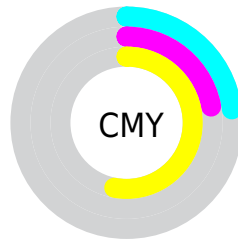


Cyan (1%)

Magenta (0%)

Yellow (39%)

Black (22%)



Cyan (23%)


Magenta (22%)


Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.6712, 53.6390, 25.9827 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 46.6712, 53.6390, 25.9827 by changing the saturation by 10% instead.


 46.6712, 53.6390,
25.9827


 46.6712, 53.6390,
25.9827


364.1714,
400.7319, 296.2999


 32.9827, 38.3131,
16.5850


 84.4444, 95.5440,
54.2308

 22.2723, 26.2258,
9.7803


 109.2597,
122.8919, 73.9183

 14.1749, 16.9926,
5.1498


 138.5146,
155.0159, 97.8728

 8.3249, 10.2292,
2.2752


172.5746,
192.3005, 126.5129

 4.3571, 5.5512,
0.7173

211.8049,
235.1300, 160.2572

 1.9061, 2.5742,
0.0000

256.5709,

 0.5804, 0.9137,

283.8888, 199.5240

0.0000

307.2380,
338.9613, 244.7321

■ 0.0000, 0.0000,
0.0000

■ 46.6712, 53.6390,
25.9827

■ 46.6712, 53.6390,
25.9827

■ 45.5124, 53.1696,
20.2278

■ 48.0820, 54.2131,
33.0524

■ 44.5863, 52.7913,
15.7035

■ 49.7550, 54.8901,
41.5076

■ 43.8771, 52.4999,
12.3211


■ 51.7043, 55.6777,
51.4178


■ 43.3656, 52.2875,
9.9787


■ 53.9423, 56.5807,
62.8470


■ 43.0289, 52.1450,
8.5562


■ 56.4802, 57.6038,
75.8554


 42.8290, 52.0573,
7.8539

 59.3289, 58.7512,
90.4998

 42.8095, 52.0487,
7.7901

 61.7481, 59.7268,
102.8817

 61.8167, 59.7621,
102.8849

 61.8854, 59.7975,
102.8881

Harmonies

Analogous

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



54.4518, 53.6390, 25.5182



46.6712, 53.6390, 25.9827



40.6841, 53.6390, 33.5599

Triad

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



46.6712, 53.6390, 25.9827



41.3458, 53.6390, 96.2365



67.2069, 53.6390, 68.6722

Complementary

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



46.6712, 53.6390, 25.9827



25.0585, 21.8909, 56.3340

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.



62.8862, 53.6390, 93.2125



46.6712, 53.6390, 25.9827



47.6633, 53.6390, 111.6733

Square

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



46.6712, 53.6390, 25.9827



37.8337, 53.6390, 72.0602



55.5509, 53.6390, 110.4426



66.8708, 53.6390, 46.5918

Rectangle

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



46.6712, 53.6390, 25.9827



38.2727, 53.6390, 43.0735



55.5509, 53.6390, 110.4426



66.2336, 53.6390, 76.9979

Sweetspot

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



46.6725, 53.6414, 25.9838



90.3620, 98.1078, 84.9799



33.5791, 27.0623, 21.5436



19.2418, 20.9589, 17.6835



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.



46.6725, 53.6414, 25.9838



80.8102, 94.2378, 36.9076



38.0448, 49.1937, 25.5801



11.5097, 12.4097, 11.3514



27.8445, 33.8497, 5.0661



1.3229, 1.6051, 0.2401

Inverse Universe

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



25.0585, 21.8909, 56.3340



37.0048, 29.8842, 98.4256



31.4295, 25.1753, 56.6321



10.0693, 10.2940, 13.3737



6.6555, 2.6653, 34.9080



0.3197, 0.1286, 1.6531

Previews

White Background



This preview shows how the XYZ color 46.6712, 53.6390, 25.9827 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 46.6712, 53.6390, 25.9827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

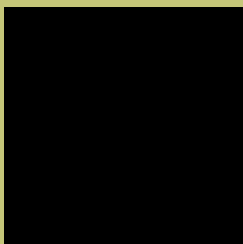
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

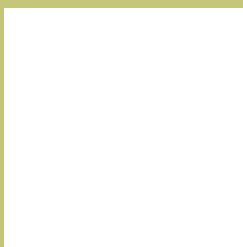
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.6712, 53.6390, 25.9827

Background



This preview shows how black text looks on a background with the XYZ color 46.6712, 53.6390, 25.9827.



This preview shows how white text looks on a background with the XYZ color 46.6712, 53.6390,

25.9827.

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

46.6712, 53.6390, 25.9827

Protanopia

49.2637, 53.3207, 25.1482

Deuteranopia

54.5913, 53.4768, 26.5136



Tritanopia

54.2163, 53.4000, 63.9496

Trichromacy



Original Color

46.6712, 53.6390, 25.9827

Protanomaly

48.3589, 53.5081, 25.5486

Deuteranomaly

51.5038, 53.4726, 26.3456

Tritanomaly

51.0211, 53.4129, 47.1558

Monochromacy



Original Color

46.6712, 53.6390, 25.9827

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

47.2887, 51.5861, 42.5867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.6712, 53.6390, 25.9827 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(197, 198, 121)` looks like.

```
.text, #text, p{  
    color:rgb(197, 198, 121)  
}
```

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(197, 198, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 198, 121) }
```

Border

The CSS property to change the border of an element to XYZ 46.6712, 53.6390, 25.9827 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(197, 198, 121) }
```


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

```
.border{ border-color:rgb(197, 198, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 198, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 198, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 198, 121);  
box-shadow:4px 4px 4px 4px rgb(197, 198,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 46.6712, 53.6390, 25.9827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 198, 121) }
```

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

```
.background{ background-color: rgb(197,  
198, 121) }
```

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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