

Converting Colors

XYZ(46.7288, 53.8077, 25.5365)

Have a look what the booklet for
XYZ(46.7288, 53.8077, 25.5365)
contains.

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Color

**XYZ(46.6102, 53.6145,
25.6613)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C678
RGB	197, 198, 120
RGB Percent	77%, 78%, 47%
CMY	0.2275, 0.2235, 0.5294
CMYK	0.01, 0.00, 0.39, 0.22
HSL	61°, 41%, 62%
HSV	61°, 39%, 78%
XYZ	46.6102, 53.6145, 25.6613
YIQ	188.8090, 24.4420, -24.4700

Conversions

Conversions Part 2

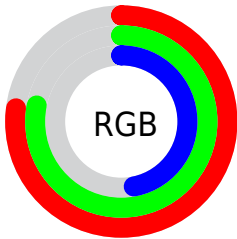
Format	Color
RYB	120, 198, 121
Decimal	12961400
CIELab	78.24, -11.90, 38.94
CIELCh	78, 40.716, 106.994
Yxy	53.6145, 0.3703, 0.4259
Android (android.graphics.Color)	4291151480 (0xFFC5C678)
YUV	188.8090, -33.9228, 7.1835
Hunter-Lab	73.2219, -14.5123, 30.4766

Details

The XYZ color **46.6102, 53.6145, 25.6613** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **24.7965, 21.5764, 56.2869**, and the grayscale version is **48.4397, 50.9623, 55.4980**.

A 20% lighter version of the original color is **84.5428, 95.7971, 53.5700**, and **22.2341, 26.1395, 9.6679** is the 20% darker color. If you saturate the color by 10%, you get **45.4645, 53.1504, 19.9707**, and if you desaturate by 10%, it is **48.0072, 54.1829, 32.6628**.

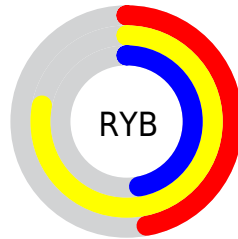
Distribution



Red (77%)

Green (78%)

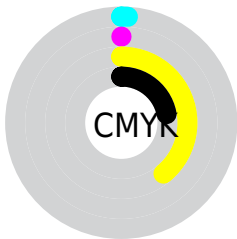
Blue (47%)



Red (47%)

Yellow (78%)

Blue (47%)

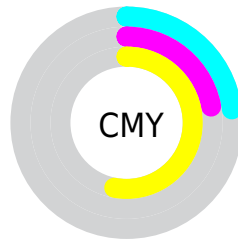


Cyan (1%)

Magenta (0%)

Yellow (39%)

Black (22%)



Cyan (23%)

Magenta (22%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.6102, 53.6145, 25.6613 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 46.6102, 53.6145, 25.6613 by changing the saturation by 10% instead.

■ 46.6102, 53.6145,
25.6613

■ 46.6102, 53.6145,
25.6613

363.9314,
400.6383, 294.6678

■ 32.9343, 38.2935,
16.3469

■ 84.3538, 95.5080,
53.7054

■ 22.2351, 26.2106,
9.6130

■ 109.1521,
122.8493, 73.2722

■ 14.1473, 16.9813,
5.0409

■ 138.3886,
154.9662, 97.0936

■ 8.3056, 10.2211,
2.2121

172.4287,
192.2431, 125.5881

■ 4.3445, 5.5458,
0.6813

211.6376,
235.0644, 159.1742

■ 1.8988, 2.5709,
0.0000

256.3808,

■ 0.5762, 0.9121,

283.8144, 198.2705

0.0000

307.0236,
338.8775, 243.2955

■ 0.0000, 0.0000,
0.0000

■ 46.6102, 53.6145,
25.6613

■ 46.6102, 53.6145,
25.6613

■ 45.4645, 53.1504,
19.9707

■ 48.0072, 54.1829,
32.6628

■ 44.5507, 52.7772,
15.5063

■ 49.6656, 54.8540,
41.0462

■ 43.8529, 52.4904,
12.1791


■ 51.5997, 55.6354,
50.8813


■ 43.3516, 52.2822,
9.8862


■ 53.8219, 56.5321,
62.2323

■ 43.0239, 52.1435,
8.5065

■ 56.3435, 57.5485,
75.1595


 42.8290, 52.0578,
7.8253

 59.1753, 58.6890,
89.7198

 42.8184, 52.0532,
7.7905

 61.7417, 59.7233,
102.8814

 61.8093, 59.7582,
102.8845

 61.8771, 59.7932,
102.8877

Harmonies

Analogous

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



54.4862, 53.6145, 25.2071



46.6102, 53.6145, 25.6613



40.5542, 53.6145, 33.2678

Triad

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



46.6102, 53.6145, 25.6613



41.2051, 53.6145, 96.7111



67.3956, 53.6145, 68.8217

Complementary

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



46.6102, 53.6145, 25.6613



24.7965, 21.5764, 56.2869

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.



63.0066, 53.6145, 93.7194



46.6102, 53.6145, 25.6613



47.5874, 53.6145, 112.4286

Square

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



46.6102, 53.6145, 25.6613



37.6640, 53.6145, 72.1661



55.5702, 53.6145, 111.2096



67.0636, 53.6145, 46.4669

Rectangle

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



46.6102, 53.6145, 25.6613



38.1152, 53.6145, 42.8497



55.5702, 53.6145, 111.2096



66.4056, 53.6145, 77.2642

Sweetspot

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



46.6115, 53.6169, 25.6624



90.3640, 98.1088, 84.9800



33.3971, 26.7961, 21.1819



19.2422, 20.9592, 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.



46.6115, 53.6169, 25.6624



80.8179, 94.2418, 36.9080



37.8843, 49.1179, 25.2540



11.5099, 12.4098, 11.3515



27.8503, 33.8526, 5.0663



1.3231, 1.6052, 0.2401

Inverse Universe

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



24.7965, 21.5764, 56.2869



37.0014, 29.8824, 98.4254



31.2092, 24.8822, 56.5870



10.0691, 10.2939, 13.3737



6.6551, 2.6651, 34.9080



0.3196, 0.1285, 1.6531

Previews

White Background



This preview shows how the XYZ color 46.6102, 53.6145, 25.6613 looks on a white background.

Color Contrast Check

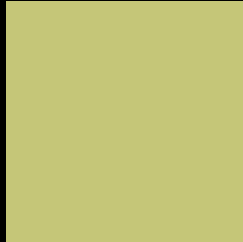
Large Text (above 18pt) WCAG AA × Fail

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 46.6102, 53.6145, 25.6613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

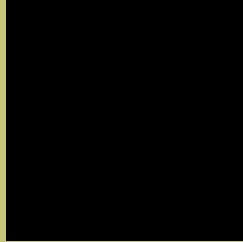
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.6102, 53.6145, 25.6613

Background



This preview shows how black text looks on a background with the XYZ color 46.6102, 53.6145, 25.6613.



This preview shows how white text looks on a background with the XYZ color 46.6102, 53.6145,

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

46.6102, 53.6145, 25.6613

Protanopia

49.2039, 53.2968, 24.8335

Deuteranopia

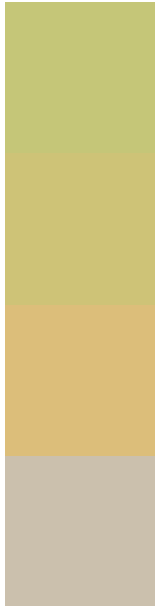
54.5284, 53.4516, 26.1821



Tritanopia

54.4948, 53.5436, 63.9627

Trichromacy



Original Color

46.6102, 53.6145, 25.6613

Protanomaly

48.2985, 53.4839, 25.2306

Deuteranomaly

51.4415, 53.4477, 26.0175

Tritanomaly

51.0211, 53.4129, 47.1558

Monochromacy



Original Color

46.6102, 53.6145, 25.6613

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 46.6102, 53.6145, 25.6613 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, 120)` looks like.

```
.text, #text, p{  
    color:rgb(197, 198, 120)  
}
```

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, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 198, 120) }
```

Border

The CSS property to change the border of an element to XYZ 46.6102, 53.6145, 25.6613 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, 120) }
```


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

```
.border{ border-color:rgb(197, 198, 120) }
```

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, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 198, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 198, 120);  
box-shadow:4px 4px 4px 4px rgb(197, 198,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 46.6102, 53.6145, 25.6613 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, 120) }
```

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

```
.background{ background-color: rgb(197,  
198, 120) }
```

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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