

Converting Colors

XYZ(44.4748, 30.1562, 54.0105)

Have a look what the booklet for
XYZ(44.4748, 30.1562, 54.0105)
contains.

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Color

**XYZ(44.4150, 30.0622,
53.9137)**

Conversions

Conversions Part 1

Format	Color
Hex	DB6EC1
RGB	219, 110, 193
RGB Percent	86%, 43%, 76%
CMY	0.1412, 0.5686, 0.2431
CMYK	0.00, 0.50, 0.12, 0.14
HSL	314°, 60%, 65%
HSV	314°, 50%, 86%
XYZ	44.4150, 30.0622, 53.9137
YIQ	152.0530, 38.3210, 48.9210

Conversions

Conversions Part 2

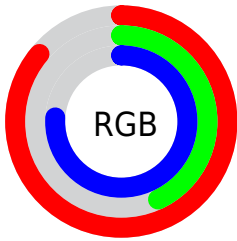
Format	Color
RYB	219, 110, 193
Decimal	14380737
CIELab	61.71, 53.05, -24.25
CIElCh	62, 58.332, 335.439
Yxy	30.0622, 0.3459, 0.2341
Android (android.graphics.Color)	4292570817 (0xFFDB6EC1)
YUV	152.0530, 20.1869, 58.7125
Hunter-Lab	54.8290, 48.6456, -19.9199

Details

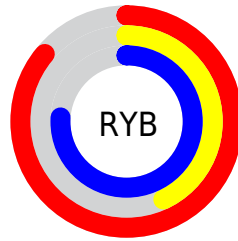
The XYZ color **44.4150, 30.0622, 53.9137** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **36.2073, 55.7566, 32.1486**, and the grayscale version is **29.7730, 31.3235, 34.1113**.

A 20% lighter version of the original color is **71.9505, 55.0724, 97.2803**, and **20.9747, 12.3738, 25.7090** is the 20% darker color. If you saturate the color by 10%, you get **41.7651, 25.6782, 50.2058**, and if you desaturate by 10%, it is **47.6712, 35.6248, 57.9258**.

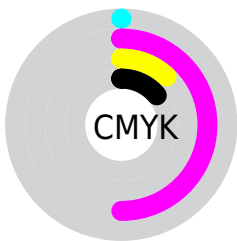
Distribution



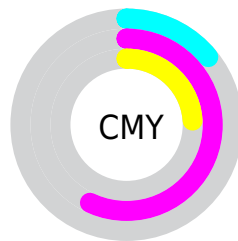
- Red (86%)
- Green (43%)
- Blue (76%)



- Red (86%)
- Yellow (43%)
- Blue (76%)



- Cyan (0%)
- Magenta (50%)
- Yellow (12%)
- Black (14%)



- Cyan (14%)
- Magenta (57%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4150, 30.0622, 53.9137 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 44.4150, 30.0622, 53.9137 by changing the saturation by 10% instead.

■ 44.4150, 30.0622,
53.9137

■ 44.4150, 30.0622,
53.9137

355.2228,
302.1943, 418.9461

■ 31.1962, 19.8858,
38.1400

■ 81.0843, 59.7605,
97.4026

■ 20.9009, 12.3121,
25.7887

■ 105.2656, 80.0513,
125.9549

■ 13.1636, 6.9566,
16.4413

■ 133.8317,
104.4822, 159.6038

■ 7.6191, 3.4350,
9.6792

■ 167.1481,
133.4378, 198.7679

■ 3.9019, 1.3628,
5.0840

205.5800,
167.3024, 243.8656

■ 1.6468, 0.1891,
2.2370

249.4928,

■ 0.4226, 0.0000,

206.4604, 295.3155

0.6956

299.2520,
251.2962, 353.5362

■ 0.0000, 0.0000,
0.0000

■ 44.4150, 30.0622,
53.9137

■ 44.4150, 30.0622,
53.9137

■ 41.7651, 25.6782,
50.2058

■ 47.6712, 35.6248,
57.9258

■ 39.6746, 22.3810,
46.7847

■ 51.5704, 42.4407,
62.2546

■ 38.0944, 20.0719,
43.6331


■ 56.1496, 50.5830,
66.9137


■ 36.9648, 18.6322,
40.7302


■ 61.4424, 60.1184,
71.9152


■ 36.1831, 17.8568,
38.0406


■ 67.4797, 71.1087,
77.2705

 36.1665, 17.8413,
37.9801

 74.2909, 83.6123,
82.9903

 79.1963, 92.2692,
88.1822

 79.9393, 92.5665,
92.0952

 80.7046, 92.8726,
96.1249

Harmonies

Analogous

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



38.1327, 30.0622, 81.3822



44.4150, 30.0622, 53.9137



46.1597, 30.0622, 28.8451

Triad

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



44.4150, 30.0622, 53.9137



27.1814, 30.0622, 5.9533



18.0547, 30.0622, 64.3076

Complementary

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



44.4150, 30.0622, 53.9137



36.2073, 55.7566, 32.1486

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.



16.1397, 30.0622, 36.9546



44.4150, 30.0622, 53.9137



20.7619, 30.0622, 8.7948

Square

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



44.4150, 30.0622, 53.9137



35.2384, 30.0622, 7.2130



17.0327, 30.0622, 17.9836



22.8064, 30.0622, 89.0485

Rectangle

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



44.4150, 30.0622, 53.9137



44.2854, 30.0622, 17.5883



17.0327, 30.0622, 17.9836



17.1013, 30.0622, 54.7461

Sweetspot

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



44.4160, 30.0636, 53.9143



82.6039, 77.4031, 97.6753



28.4252, 21.4549, 69.6615



17.3473, 15.9680, 20.5884



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.



44.4160, 30.0636, 53.9143



58.7121, 35.8510, 70.5004



39.4557, 28.0795, 27.7937



13.4746, 13.2190, 15.7607



21.4895, 10.5968, 22.7555



1.4249, 0.6996, 1.6462

Inverse Universe

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



44.4160, 30.0636, 53.9143



58.7121, 35.8510, 70.5004



41.0501, 57.6938, 57.6507



13.4746, 13.2190, 15.7607



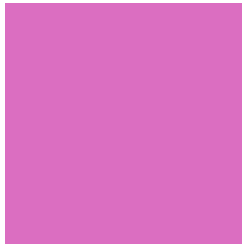
21.4895, 10.5968, 22.7555



1.4249, 0.6996, 1.6462

Previews

White Background



This preview shows how the XYZ color 44.4150, 30.0622, 53.9137 looks on a white background.

Color Contrast Check

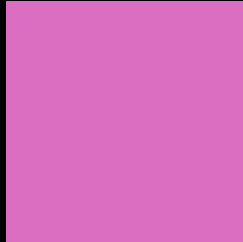
Large Text (above 18pt) WCAG AA × Fail

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 44.4150, 30.0622, 53.9137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

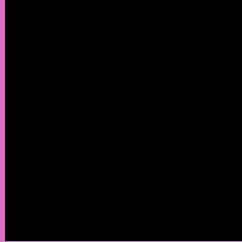
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.4150, 30.0622, 53.9137

Background



This preview shows how black text looks on a background with the XYZ color 44.4150, 30.0622, 53.9137.



This preview shows how white text looks on a background with the XYZ color 44.4150, 30.0622,

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

44.4150, 30.0622, 53.9137

Protanopia

31.7970, 30.3730, 72.5933

Deuteranopia

30.9256, 30.1654, 51.2063



Tritanopia

38.4680, 29.8564, 25.9257

Trichromacy



Original Color

44.4150, 30.0622, 53.9137



Protanomaly

34.5810, 29.1243, 65.4269



Deuteranomaly

34.5861, 29.2198, 51.9612



Tritanomaly

40.4192, 29.7705, 34.6263

Monochromacy



Original Color

44.4150, 30.0622, 53.9137



Achromatopsia

29.8446, 31.3989, 34.1934



Achromatomaly

33.8252, 29.9114, 40.5499

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4150, 30.0622, 53.9137 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(219, 110, 193)` looks like.

```
.text, #text, p{  
    color:rgb(219, 110, 193)  
}
```

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(219, 110, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 110, 193) }
```

Border

The CSS property to change the border of an element to XYZ 44.4150, 30.0622, 53.9137 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(219, 110, 193) }
```


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

```
.border{ border-color:rgb(219, 110, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 110, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 110, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 110, 193);  
box-shadow:4px 4px 4px 4px rgb(219, 110,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4150, 30.0622, 53.9137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 110, 193) }
```

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

```
.background{ background-color: rgb(219,  
110, 193) }
```

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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