

Converting Colors

XYZ(1.6091, 5.9594, 39.3880)

Have a look what the booklet for
XYZ(1.6091, 5.9594, 39.3880)
contains.

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Color

**XYZ(11.3534, 10.9457,
40.0424)**

Conversions

Conversions Part 1

Format	Color
Hex	005EAB
RGB	0, 94, 171
RGB Percent	0%, 37%, 67%
CMY	0.9999, 0.6314, 0.3294
CMYK	1.00, 0.45, 0.00, 0.33
HSL	207°, 100%, 34%
HSV	207°, 100%, 67%
XYZ	11.3534, 10.9457, 40.0424
YIQ	74.6720, -80.7410, 4.0190

Conversions

Conversions Part 2

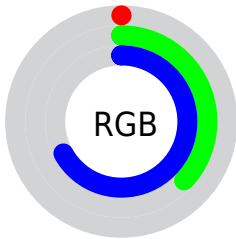
Format	Color
RYB	0, 61, 171
Decimal	24235
CIELab	39.49, 7.07, -47.62
CIELCh	39, 48.141, 278.442
Yxy	10.9457, 0.1821, 0.1756
Android (android.graphics.Color)	4278214315 (0xFF005EAB)
YUV	74.6720, 47.4897, -65.4873
Hunter-Lab	33.0843, 3.3576, -48.6006

Details

The XYZ color **11.3534, 10.9457, 40.0424** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **19.4509, 13.9702, 1.6722**, and the grayscale version is **6.5586, 6.9002, 7.5143**.

A 20% lighter version of the original color is **27.9582, 27.6164, 76.5300**, and **4.3683, 3.5046, 17.5858** is the 20% darker color. If you saturate the color by 10%, you get **11.3522, 10.9433, 40.0423**, and if you desaturate by 10%, it is **12.3064, 12.5050, 40.2934**.

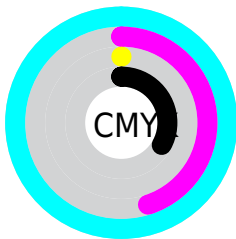
Distribution



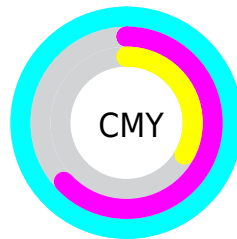
- Red (0%)
- Green (37%)
- Blue (67%)



- Red (0%)
- Yellow (24%)
- Blue (67%)



- Cyan (100%)
- Magenta (45%)
- Yellow (0%)
- Black (33%)



- Cyan (100%)
- Magenta (63%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3534, 10.9457, 40.0424 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 11.3534, 10.9457, 40.0424 by changing the saturation by 10% instead.

■ 11.3534, 10.9457,
40.0424

■ 11.3534, 10.9457,
40.0424

193.9349,
197.2946, 361.8597

■ 6.3741, 6.0303,
27.2576

■ 27.9390, 27.5597,
76.4659

■ 3.1167, 2.8635,
17.5326

■ 40.2761, 40.0272,
100.9416

■ 1.2158, 1.0609,
10.4490

■ 55.7964, 55.7807,
130.1513

■ 0.1188, 0.0000,
5.5882

■ 74.8654, 75.2049,
164.5137

■ 0.0000, 0.0000,
2.5316

■ 97.8484, 98.6839,
204.4471

■ 0.0000, 0.0000,
0.8568

■ 125.1107,

■ 0.0000, 0.0000,

126.6023, 250.3703

0.0000

157.0178,
159.3444, 302.7016

■ 11.3534, 10.9457,
40.0424

■ 11.3534, 10.9457,
40.0424

■ 11.3522, 10.9433,
40.0423

■ 12.3064, 12.5050,
40.2934

■ 13.5299, 14.3079,
40.5769

■ 15.1063, 16.3998,
40.8976

■ 17.0740, 18.8030,
41.2578

■ 19.4658, 21.5371,
41.6594

■ 22.3108, 24.6195,
42.1044

■ 25.6352, 28.0659,
42.5945

■ 29.4632, 31.8913,
43.1311

■ 33.8171, 36.1094,
43.7158

Harmonies

Analogous

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



8.2618, 10.9457, 37.7036



11.3534, 10.9457, 40.0424



14.8185, 10.9457, 32.2929

Triad

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



11.3534, 10.9457, 40.0424



16.1404, 10.9457, 3.8668



5.5864, 10.9457, 6.4543

Complementary

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



11.3534, 10.9457, 40.0424



19.4509, 13.9702, 1.6722

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.



6.9662, 10.9457, 2.6507



11.3534, 10.9457, 40.0424



12.8867, 10.9457, 1.7945

Square

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



11.3534, 10.9457, 40.0424



17.9369, 10.9457, 9.4669



9.5082, 10.9457, 1.5100



5.3446, 10.9457, 14.7594

Rectangle

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



11.3534, 10.9457, 40.0424



16.7273, 10.9457, 24.0313



9.5082, 10.9457, 1.5100



5.9161, 10.9457, 4.7641

Sweetspot

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



11.3539, 10.9460, 40.0427



45.5613, 49.9082, 76.2338



15.9018, 29.6616, 11.9023



9.5974, 10.5516, 16.9185



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



11.3539, 10.9460, 40.0427



20.1162, 19.1689, 71.6416



7.4443, 3.1268, 38.7395



7.9300, 8.4594, 10.1676



8.6110, 8.3559, 30.2035



0.2932, 0.3397, 0.8581

Inverse Universe

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



18.8154, 9.4668, 11.4254



33.5871, 16.9094, 19.8847



29.7950, 34.6583, 5.1203



8.1825, 8.0862, 9.2718



14.2101, 7.1466, 8.7517



0.4224, 0.2096, 0.3860

Previews

White Background



This preview shows how the XYZ color 11.3534, 10.9457, 40.0424 looks on a white 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 × Fail

Black Background



This preview shows how the XYZ color 11.3534, 10.9457, 40.0424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.3534, 10.9457, 40.0424

Background



This preview shows how black text looks on a background with the XYZ color 11.3534, 10.9457, 40.0424.



This preview shows how white text looks on a background with the XYZ color 11.3534, 10.9457,

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

11.3534, 10.9457, 40.0424

Protanopia

12.2621, 10.9431, 38.0252

Deuteranopia

11.0673, 10.9744, 38.0942



Tritanopia

7.6647, 10.8263, 16.4376

Trichromacy



Original Color

11.3534, 10.9457, 40.0424

Protanomaly

11.5365, 10.6844, 38.5000

Deuteranomaly

11.1601, 11.0116, 38.5830

Tritanomaly

8.7220, 10.7803, 23.4509

Monochromacy



Original Color

11.3534, 10.9457, 40.0424

Achromatopsia

6.6877, 7.0360, 7.6622

Achromatomaly

7.0507, 7.7888, 15.8836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3534, 10.9457, 40.0424 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(0, 94, 171)` looks like.

```
.text, #text, p{  
    color:rgb(0, 94, 171)  
}
```

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(0, 94, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 94, 171) }
```

Border

The CSS property to change the border of an element to XYZ 11.3534, 10.9457, 40.0424 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(0, 94, 171) }
```


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

```
.border{ border-color:rgb(0, 94, 171) }
```

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

Here you see how a box with a 4 pixel rgb(0, 94, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 94, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 94, 171);  
box-shadow:4px 4px 4px 4px rgb(0, 94, 171)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.3534, 10.9457, 40.0424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 94, 171) }
```

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

```
.background{ background-color: rgb(0, 94,  
171) }
```

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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