

Converting Colors

XYZ(60.4932, 61.6279, 89.9065)

Have a look what the booklet for
XYZ(60.4932, 61.6279, 89.9065)
contains.

XYZ(60.5526, 61.8415, 89.6340)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.5526, 61.8415,
89.6340)**

Conversions

Conversions Part 1

Format	Color
Hex	C6CDEE
RGB	198, 205, 238
RGB Percent	78%, 80%, 93%
CMY	0.2235, 0.1961, 0.0667
CMYK	0.17, 0.14, 0.00, 0.07
HSL	229°, 54%, 85%
HSV	229°, 17%, 93%
XYZ	60.5526, 61.8415, 89.6340
YIQ	206.6690, -14.7650, 8.7790

Conversions

Conversions Part 2

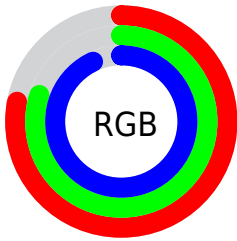
Format	Color
R_{YB}	198, 204, 238
Decimal	13028846
CIE _{Lab}	82.83, 4.24, -17.05
CIE _{LCh}	83, 17.568, 283.978
Yxy	61.8415, 0.2856, 0.2917
Android (android.graphics.Color)	4291218926 (0xFFC6CDEE)
YUV	206.6690, 15.4462, -7.6027
Hunter-Lab	78.6394, -0.1732, -12.5318

Details

The XYZ color **60.5526, 61.8415, 89.6340** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **74.0291, 79.4057, 64.8524**, and the grayscale version is **59.0075, 62.0805, 67.6056**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.0117, 31.4399, 48.6900** is the 20% darker color. If you saturate the color by 10%, you get **50.3601, 50.0484, 87.8959**, and if you desaturate by 10%, it is **72.3239, 75.3265, 91.6174**.

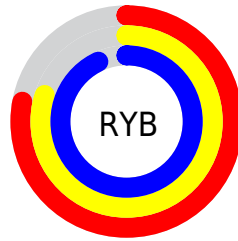
Distribution



Red (78%)

Green (80%)

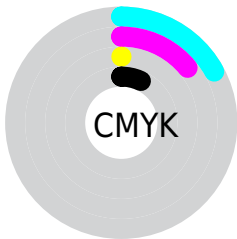
Blue (93%)



Red (78%)

Yellow (80%)

Blue (93%)

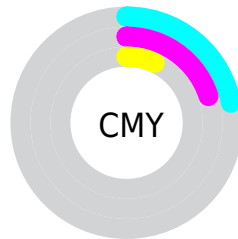


Cyan (17%)

Magenta (14%)

Yellow (0%)

Black (7%)



Cyan (22%)

Magenta (20%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5526, 61.8415, 89.6340 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 60.5526, 61.8415, 89.6340 by changing the saturation by 10% instead.

■ 60.5526, 61.8415,
89.6340

■ 60.5526, 61.8415,
89.6340

416.4338,
431.3527, 547.3789

■ 44.1154, 44.9046,
67.1051

104.7327,
107.4964, 148.7610

■ 30.9595, 31.3823,
48.7079

133.2062,
136.9833, 186.1962

■ 20.7197, 20.8901,
34.0239

166.4225,
171.4222, 229.4372

■ 13.0306, 13.0437,
22.6344

204.7470,
211.1977, 278.9026

■ 7.5267, 7.4587,
14.1211

248.5451,
256.6941, 335.0109

■ 3.8429, 3.7506,
8.0652

298.1820,

■ 1.6136, 1.5350,

308.2958, 398.1807

4.0483

354.0231,
366.3872, 468.8305

■ 0.4013, 0.3132,
1.6519

■ 0.0000, 0.0000,
0.3275

■ 60.5526, 61.8415,
89.6340

■ 60.5526, 61.8415,
89.6340

■ 50.3601, 50.0484,
87.8959

■ 72.3239, 75.3265,
91.6174

■ 41.6731, 39.8725,
86.3896

■ 85.7320, 90.5591,
93.8509

■ 34.4209, 31.2445,
85.1065

■ 92.4328, 98.9531,
95.1180

■ 28.5248, 24.0874,
84.0358

■ 23.8981, 18.3169,
83.1658

■ 20.4441, 13.8405,
82.4838

■ 18.0513, 10.5532,
81.9754

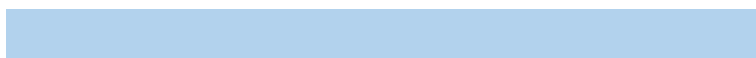
■ 16.5823, 8.3309,
81.6239

■ 16.2490, 7.8055,
81.5401

Harmonies

Analogous

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



56.7941, 61.8415, 89.4015



60.5526, 61.8415, 89.6340



63.9740, 61.8415, 83.4611

Triad

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



60.5526, 61.8415, 89.6340



64.1683, 61.8415, 53.8839



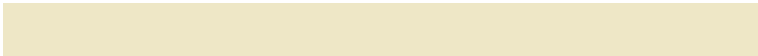
52.0623, 61.8415, 61.7487

Complementary

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



60.5526, 61.8415, 89.6340



74.0291, 79.4057, 64.8524

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.



53.8722, 61.8415, 53.4324



60.5526, 61.8415, 89.6340



60.8085, 61.8415, 49.2355

Square

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



60.5526, 61.8415, 89.6340



66.1213, 61.8415, 62.4285



57.0394, 61.8415, 49.0796



52.0004, 61.8415, 72.4918

Rectangle

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



60.5526, 61.8415, 89.6340



65.5585, 61.8415, 76.8913



57.0394, 61.8415, 49.0796



52.4829, 61.8415, 58.6050

Sweetspot

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



60.5545, 61.8440, 89.6354



87.2498, 91.1334, 107.5997



68.2411, 78.9066, 86.9895



18.4488, 19.2485, 22.9929



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.



60.5545, 61.8440, 89.6354



66.7281, 67.6099, 104.1408



62.3964, 60.3622, 89.2523



15.1210, 15.6760, 19.9504



9.1302, 4.4847, 45.5123



0.8229, 0.4997, 3.8073

Inverse Universe

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



66.4749, 62.9745, 66.4123



74.8340, 69.2462, 72.3249



71.9240, 81.2885, 65.3268



15.8857, 15.8040, 16.9546



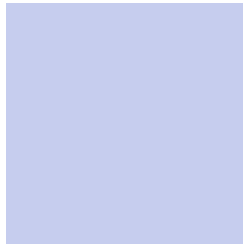
19.9341, 10.2461, 2.3037



1.6903, 0.8652, 0.3599

Previews

White Background



This preview shows how the XYZ color 60.5526, 61.8415, 89.6340 looks on a white background.

Color Contrast Check

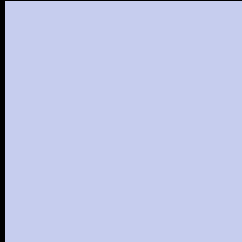
Large Text (above 18pt) WCAG AA × Fail

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 60.5526, 61.8415, 89.6340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

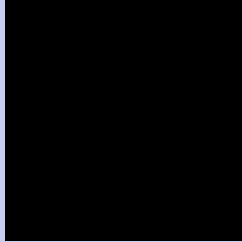
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.5526, 61.8415, 89.6340

Background



This preview shows how black text looks on a background with the XYZ color 60.5526, 61.8415, 89.6340.



This preview shows how white text looks on a background with the XYZ color 60.5526, 61.8415,

89.6340.

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

60.5526, 61.8415, 89.6340

Protanopia

60.8449, 61.6381, 89.5794

Deuteranopia

63.0450, 61.7069, 90.2492



Tritanopia

58.2730, 61.6096, 79.3415

Trichromacy



Original Color

60.5526, 61.8415, 89.6340

Protanomaly

60.5787, 61.5009, 89.5669

Deuteranomaly

62.1541, 61.5949, 90.2745

Tritanomaly

58.9791, 61.5355, 82.8978

Monochromacy



Original Color

60.5526, 61.8415, 89.6340

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.6280, 62.0419, 75.1622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5526, 61.8415, 89.6340 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(198, 205, 238)` looks like.

```
.text, #text, p{  
    color:rgb(198, 205, 238)  
}
```

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(198, 205, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 205, 238) }
```

Border

The CSS property to change the border of an element to XYZ 60.5526, 61.8415, 89.6340 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(198, 205, 238) }
```


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

```
.border{ border-color:rgb(198, 205, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 205, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 205, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 205, 238); box-shadow:4px 4px 4px 4px rgb(198, 205, 238) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5526, 61.8415, 89.6340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 205, 238) }
```

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

```
.background{ background-color: rgb(198,  
205, 238) }
```

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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