

Converting Colors

XYZ(36.7655, 38.7318, 66.7423)

Have a look what the booklet for
XYZ(36.7655, 38.7318, 66.7423)
contains.

XYZ(36.6360, 38.6045, 66.4933)	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(36.6360, 38.6045,
66.4933)**

Conversions

Conversions Part 1

Format	Color
Hex	8CA9D2
RGB	140, 169, 210
RGB Percent	55%, 66%, 82%
CMY	0.4510, 0.3372, 0.1765
CMYK	0.33, 0.20, 0.00, 0.18
HSL	215°, 44%, 69%
HSV	215°, 33%, 82%
XYZ	36.6360, 38.6045, 66.4933
YIQ	165.0030, -30.4450, 6.6030

Conversions

Conversions Part 2

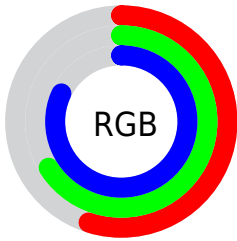
Format	Color
RYB	140, 161, 210
Decimal	9218514
CIELab	68.46, -0.19, -24.05
CIElCh	68, 24.056, 269.555
Yxy	38.6045, 0.2585, 0.2724
Android (android.graphics.Color)	4287408594 (0xFF8CA9D2)
YUV	165.0030, 22.1835, -21.9276
Hunter-Lab	62.1325, -3.4806, -19.9585

Details

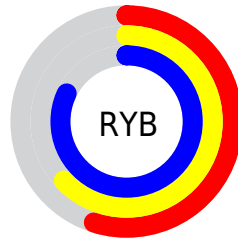
The XYZ color **36.6360, 38.6045, 66.4933** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **47.8365, 48.6434, 31.6799**, and the grayscale version is **35.6740, 37.5319, 40.8722**.

A 20% lighter version of the original color is **67.2113, 72.1334, 104.9885**, and **16.2082, 17.1154, 33.4597** is the 20% darker color. If you saturate the color by 10%, you get **31.2480, 32.5890, 65.6169**, and if you desaturate by 10%, it is **42.9171, 45.4016, 67.4749**.

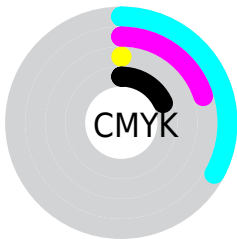
Distribution



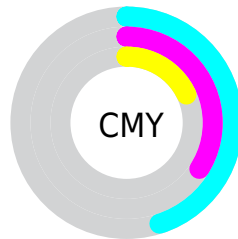
- Red (55%)
- Green (66%)
- Blue (82%)



- Red (55%)
- Yellow (63%)
- Blue (82%)



- Cyan (33%)
- Magenta (20%)
- Yellow (0%)
- Black (18%)



- Cyan (45%)
- Magenta (34%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.6360, 38.6045, 66.4933 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 36.6360, 38.6045, 66.4933 by changing the saturation by 10% instead.

■ 36.6360, 38.6045,
66.4933

■ 36.6360, 38.6045,
66.4933

323.1149,
340.2061, 466.5913

■ 25.0982, 26.4522,
48.2140

■ 69.3301, 73.0337,
115.8278

■ 16.2793, 17.1622,
33.6352

■ 91.2170, 96.0795,
147.7200

■ 9.8141, 10.3502,
22.3384

■ 117.2844,
123.5251, 184.9870

■ 5.3372, 5.6318,
13.9050

147.8975,
155.7551, 228.0472

■ 2.4832, 2.6225,
7.9167

183.4218,
193.1538, 277.3192

■ 0.8868, 0.9380,
3.9547

224.2225,

■ 0.0000, 0.0000,

236.1056, 333.2215

1.6005

270.6651,
284.9949, 396.1727

■ 0.0000, 0.0000,
0.2912

■ 0.0000, 0.0000,
0.0000

■ 36.6360, 38.6045,
66.4933

■ 36.6360, 38.6045,
66.4933

■ 31.2480, 32.5890,
65.6169

■ 42.9171, 45.4016,
67.4749

■ 26.7048, 27.3190,
64.8391

■ 50.1286, 53.0056,
68.5625

■ 22.9591, 22.7618,
64.1569

■ 58.3103, 61.4458,
69.7604

■ 19.9570, 18.8799,
63.5658

■ 67.4983, 70.7487,
71.0718

■ 17.6367, 15.6314,
63.0611

■ 77.7271, 80.9397,
72.4997

■ 15.9248, 12.9679,
62.6372

■ 84.8643, 89.8957,
73.8523

■ 15.0415, 11.4702,
62.3947

■ 88.6330, 97.4332,
75.1085

Harmonies

Analogous

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



33.1290, 38.6045, 62.6706



36.6360, 38.6045, 66.4933



40.3983, 38.6045, 62.8818

Triad

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



36.6360, 38.6045, 66.4933



43.3899, 38.6045, 32.5734



30.7724, 38.6045, 32.3378

Complementary

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



36.6360, 38.6045, 66.4933



47.8365, 48.6434, 31.6799

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.



33.2204, 38.6045, 26.3930



36.6360, 38.6045, 66.4933



40.5026, 38.6045, 26.5117

Square

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



36.6360, 38.6045, 66.4933



44.4566, 38.6045, 42.1956



36.7489, 38.6045, 24.4554



29.8893, 38.6045, 41.8723

Rectangle

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



36.6360, 38.6045, 66.4933



42.5106, 38.6045, 57.0462



36.7489, 38.6045, 24.4554



31.4309, 38.6045, 29.9172

Sweetspot

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



36.6372, 38.6060, 66.4942



81.7020, 86.3186, 106.9627



42.1861, 54.9989, 52.0198



17.1131, 18.0874, 22.8392



0.0000, 0.0000, 0.0000



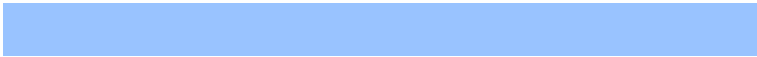
20.3446, 21.4041, 23.3091

Same Dimension

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



36.6372, 38.6060, 66.4942



50.7600, 53.1385, 102.1892



32.8364, 29.5062, 64.9381



11.5603, 12.2108, 14.9913



9.2690, 7.1846, 38.0907



0.5957, 0.5566, 2.1556

Inverse Universe

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



43.1189, 35.3235, 42.0832



62.5108, 47.9943, 57.7524



52.7286, 60.8484, 33.7779



12.0089, 11.8883, 13.3229



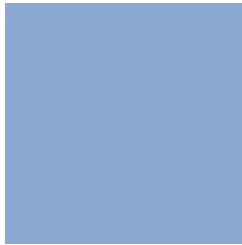
17.3093, 8.7966, 6.5348



1.0069, 0.5075, 0.5712

Previews

White Background



This preview shows how the XYZ color 36.6360, 38.6045, 66.4933 looks on a white background.

Color Contrast Check

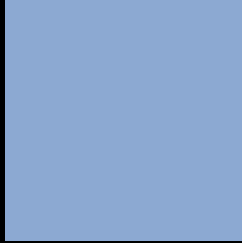
Large Text (above 18pt) WCAG AA × Fail

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 36.6360, 38.6045, 66.4933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

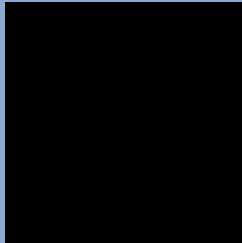
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.6360, 38.6045, 66.4933

Background



This preview shows how black text looks on a background with the XYZ color 36.6360, 38.6045, 66.4933.

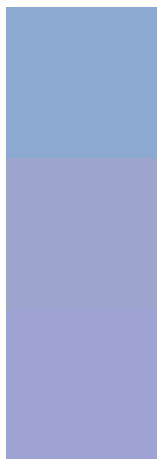


This preview shows how white text looks on a background with the XYZ color 36.6360, 38.6045,

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

36.6360, 38.6045, 66.4933

Protanopia

38.6222, 38.5834, 64.4432

Deuteranopia

39.1531, 38.2685, 66.9510



Tritanopia

33.9049, 38.6259, 52.6823

Trichromacy



Original Color

36.6360, 38.6045, 66.4933

Protanomaly

37.7839, 38.4058, 65.0961

Deuteranomaly

38.1619, 38.2888, 67.0071

Tritanomaly

34.9194, 38.7635, 57.2714

Monochromacy



Original Color

36.6360, 38.6045, 66.4933

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.6870, 37.6766, 49.1075

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6360, 38.6045, 66.4933 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(140, 169, 210)` looks like.

```
.text, #text, p{  
    color:rgb(140, 169, 210)  
}
```

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(140, 169, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 169, 210) }
```

Border

The CSS property to change the border of an element to XYZ 36.6360, 38.6045, 66.4933 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(140, 169, 210) }
```


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

```
.border{ border-color:rgb(140, 169, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 169, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 169, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 169, 210);  
box-shadow:4px 4px 4px 4px rgb(140, 169,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6360, 38.6045, 66.4933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 169, 210) }
```

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

```
.background{ background-color: rgb(140,  
169, 210) }
```

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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