

Converting Colors

XYZ(36.2386, 43.9726, 61.8372)

Have a look what the booklet for
XYZ(36.2386, 43.9726, 61.8372)
contains.

XYZ(36.1981, 43.8226, 61.8091)	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(36.1981, 43.8226,
61.8091)**

Conversions

Conversions Part 1

Format	Color
Hex	79BBC9
RGB	121, 187, 201
RGB Percent	47%, 73%, 79%
CMY	0.5255, 0.2667, 0.2118
CMYK	0.40, 0.07, 0.00, 0.21
HSL	190°, 43%, 63%
HSV	190°, 40%, 79%
XYZ	36.1981, 43.8226, 61.8091
YIQ	168.8620, -43.8300, -9.6380

Conversions

Conversions Part 2

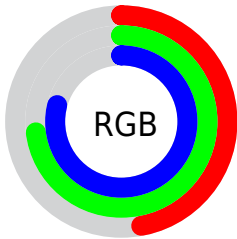
Format	Color
RYB	121, 157, 201
Decimal	7977929
CIELab	72.11, -17.36, -13.69
CIELCh	72, 22.105, 218.256
Yxy	43.8226, 0.2552, 0.3090
Android (android.graphics.Color)	4286168009 (0xFF79BBC9)
YUV	168.8620, 15.8440, -41.9750
Hunter-Lab	66.1986, -18.2420, -9.0195

Details

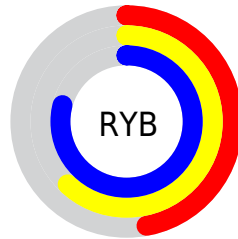
The XYZ color **36.1981, 43.8226, 61.8091** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.2034, 31.1267, 22.1903**, and the grayscale version is **37.5847, 39.5420, 43.0612**.

A 20% lighter version of the original color is **68.2321, 80.6683, 106.5821**, and **16.0383, 20.3150, 30.6796** is the 20% darker color. If you saturate the color by 10%, you get **32.9327, 41.0461, 61.4460**, and if you desaturate by 10%, it is **40.0713, 46.9416, 62.2078**.

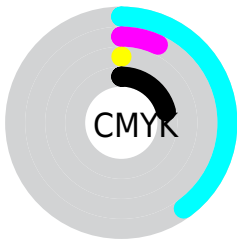
Distribution



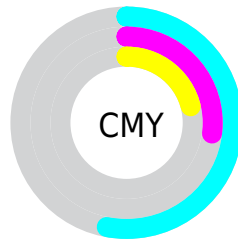
- Red (47%)
- Green (73%)
- Blue (79%)



- Red (47%)
- Yellow (62%)
- Blue (79%)



- Cyan (40%)
- Magenta (7%)
- Yellow (0%)
- Black (21%)



- Cyan (53%)
- Magenta (27%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.1981, 43.8226, 61.8091 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 36.1981, 43.8226, 61.8091 by changing the saturation by 10% instead.

■ 36.1981, 43.8226,
61.8091

■ 36.1981, 43.8226,
61.8091

321.2417,
361.9839, 449.2228

■ 24.7580, 30.5311,
44.4437

■ 68.6596, 80.9507,
109.0185

■ 16.0247, 20.2420,
30.6797

■ 90.4117, 105.5561,
139.6995

■ 9.6326, 12.5711,
20.0987

■ 116.3320,
134.7016, 175.6562

■ 5.2164, 7.1339,
12.2820

146.7856,
168.7715, 217.3071

■ 2.4108, 3.5460,
6.8112

182.1381,
208.1503, 265.0706

■ 0.8505, 1.4230,
3.2676

222.7547,

■ 0.0000, 0.2336,

253.2224, 319.3654

1.2329

269.0008,
304.3721, 380.6099

■ 0.0000, 0.0000,
0.0058

■ 0.0000, 0.0000,
0.0000

■ 36.1981, 43.8226,
61.8091

■ 36.1981, 43.8226,
61.8091

■ 32.9327, 41.0461,
61.4460

■ 40.0713, 46.9416,
62.2078

■ 30.2343, 38.5877,
61.1138

■ 44.5820, 50.4156,
62.6406

■ 28.0631, 36.4279,
60.8113

■ 49.7626, 54.2625,
63.1100

■ 26.3725, 34.5425,
60.5365

■ 55.6424, 58.4975,
63.6176

■ 25.1073, 32.9027,
60.2866

■ 62.2485, 63.1348,
64.1645

■ 24.1659, 31.4559,
60.0570

■ 69.6068, 68.1879,
64.7520

■ 24.1480, 31.4277,
60.0525

■ 75.2322, 72.3759,
65.2639

■ 76.1190, 74.1495,
65.5595

■ 77.0250, 75.9616,
65.8615

Harmonies

Analogous

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



34.8612, 43.8226, 50.7694



36.1981, 43.8226, 61.8091



39.0155, 43.8226, 69.7950

Triad

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



36.1981, 43.8226, 61.8091



48.7793, 43.8226, 55.8549



40.6164, 43.8226, 29.9281

Complementary

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



36.1981, 43.8226, 61.8091



36.2034, 31.1267, 22.1903

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.



44.4048, 43.8226, 30.8654



36.1981, 43.8226, 61.8091



49.2721, 43.8226, 44.7863

Square

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



36.1981, 43.8226, 61.8091



46.3195, 43.8226, 66.0113



47.6281, 43.8226, 35.9455



37.3092, 43.8226, 33.1571

Rectangle

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



36.1981, 43.8226, 61.8091



41.4312, 43.8226, 71.7094



47.6281, 43.8226, 35.9455



41.8738, 43.8226, 29.7772

Sweetspot

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



36.1994, 43.8243, 61.8101



82.9902, 91.2824, 107.8530



33.0992, 47.5697, 30.1149



17.5053, 19.3478, 23.0618



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.



36.1994, 43.8243, 61.8101



56.9639, 70.7821, 105.2677



28.9666, 29.3586, 59.3992



10.7827, 11.7396, 13.6151



15.2430, 19.8800, 37.7782



0.7644, 1.0267, 1.8030

Inverse Universe

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



39.8955, 29.6813, 50.6418



64.3642, 43.8423, 82.5977



42.7401, 44.2001, 24.3692



11.0004, 10.7835, 12.9852



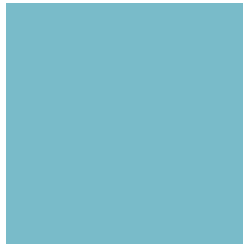
19.4933, 9.5469, 23.6054



0.9445, 0.4607, 1.2311

Previews

White Background



This preview shows how the XYZ color 36.1981, 43.8226, 61.8091 looks on a white background.

Color Contrast Check

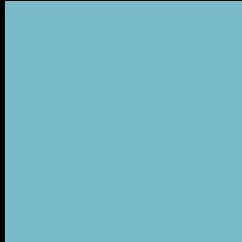
Large Text (above 18pt) WCAG AA × Fail

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 36.1981, 43.8226, 61.8091 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 36.1981, 43.8226, 61.8091

Background



This preview shows how black text looks on a background with the XYZ color 36.1981, 43.8226, 61.8091.



This preview shows how white text looks on a background with the XYZ color 36.1981, 43.8226,

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

36.1981, 43.8226, 61.8091

Protanopia

42.4112, 43.5089, 56.6148

Deuteranopia

44.4740, 43.5680, 63.1922



Tritanopia

36.3162, 43.8699, 62.4308

Trichromacy



Original Color

36.1981, 43.8226, 61.8091

Protanomaly

39.6015, 43.1943, 58.4747

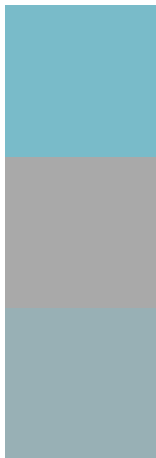
Deuteranomaly

40.7997, 43.1270, 62.6739

Tritanomaly

36.3162, 43.8699, 62.4308

Monochromacy



Original Color

36.1981, 43.8226, 61.8091

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

36.8147, 41.0623, 49.7015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1981, 43.8226, 61.8091 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(121, 187, 201)` looks like.

```
.text, #text, p{  
    color:rgb(121, 187, 201)  
}
```

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(121, 187, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 187, 201) }
```

Border

The CSS property to change the border of an element to XYZ 36.1981, 43.8226, 61.8091 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(121, 187, 201) }
```


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

```
.border{ border-color:rgb(121, 187, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 187, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 187, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 187, 201);  
box-shadow:4px 4px 4px 4px rgb(121, 187,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1981, 43.8226, 61.8091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 187, 201) }
```

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

```
.background{ background-color: rgb(121,  
187, 201) }
```

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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