

Converting Colors

XYZ(23.6936, 27.2467, 37.5839)

Have a look what the booklet for
XYZ(23.6936, 27.2467, 37.5839)
contains.

XYZ(23.7050, 27.1978, 37.7185)	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(23.7050, 27.1978,
37.7185)**

Conversions

Conversions Part 1

Format	Color
Hex	7094A1
RGB	112, 148, 161
RGB Percent	44%, 58%, 63%
CMY	0.5608, 0.4196, 0.3686
CMYK	0.30, 0.08, 0.00, 0.37
HSL	196°, 21%, 54%
HSV	196°, 30%, 63%
XYZ	23.7050, 27.1978, 37.7185
YIQ	138.7180, -25.6290, -3.5890

Conversions

Conversions Part 2

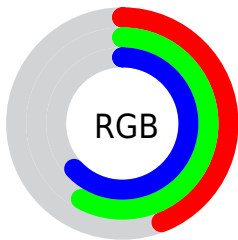
Format	Color
RYB	112, 133, 161
Decimal	7378081
CIELab	59.16, -9.22, -10.88
CIELCh	59, 14.265, 229.716
Yxy	27.1978, 0.2675, 0.3069
Android (android.graphics.Color)	4285568161 (0xFF7094A1)
YUV	138.7180, 10.9850, -23.4317
Hunter-Lab	52.1515, -10.1296, -6.3753

Details

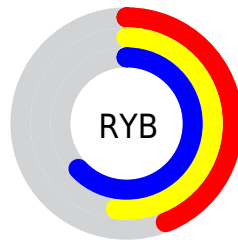
The XYZ color **23.7050, 27.1978, 37.7185** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.9564, 23.4142, 18.5338**, and the grayscale version is **24.3991, 25.6697, 27.9543**.

A 20% lighter version of the original color is **49.0322, 55.1983, 73.0358**, and **9.0216, 10.6776, 16.0535** is the 20% darker color. If you saturate the color by 10%, you get **21.1794, 24.9202, 37.4125**, and if you desaturate by 10%, it is **26.6233, 29.7158, 38.0512**.

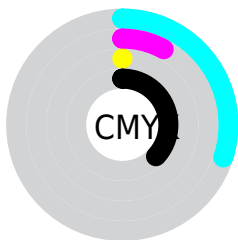
Distribution



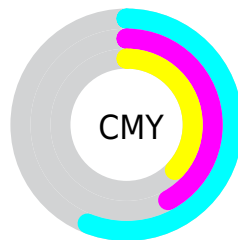
- Red (44%)
- Green (58%)
- Blue (63%)



- Red (44%)
- Yellow (52%)
- Blue (63%)



- Cyan (30%)
- Magenta (8%)
- Yellow (0%)
- Black (37%)



- Cyan (56%)
- Magenta (42%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.7050, 27.1978, 37.7185 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 23.7050, 27.1978, 37.7185 by changing the saturation by 10% instead.

■ 23.7050, 27.1978,
37.7185

■ 23.7050, 27.1978,
37.7185

263.7939,
288.6136, 351.6728

■ 15.2385, 17.7218,
25.4641

■ 49.0066, 55.2011,
72.8751

■ 9.0743, 10.7505,
16.2010

■ 66.5723, 74.4972,
96.6144

■ 4.8472, 5.8993,
9.5106

■ 87.9019, 97.8355,
125.0191

■ 2.1917, 2.7839,
4.9744

■ 113.3606,
125.6004, 158.5078

■ 0.7384, 1.0200,
2.1738

143.3137,
158.1763, 197.4990

■ 0.0000, 0.0000,
0.6592

178.1268,

■ 0.0000, 0.0000,

195.9475, 242.4112

0.0000

218.1651,
239.2984, 293.6629

■ 23.7050, 27.1978,
37.7185

■ 23.7050, 27.1978,
37.7185

■ 21.1794, 24.9202,
37.4125

■ 26.6233, 29.7158,
38.0512

■ 19.0242, 22.8692,
37.1302

■ 29.9501, 32.4809,
38.4096

■ 17.2187, 21.0344,
36.8712

■ 33.7035, 35.5033,
38.7951

■ 15.7388, 19.4030,
36.6343

■ 37.8994, 38.7918,
39.2087

■ 14.5575, 17.9606,
36.4181

■ 42.5533, 42.3544,
39.6511

■ 13.6428, 16.6903,
36.2211

■ 47.6795, 46.1992,
40.1230

■ 12.9461, 15.5991,
36.0473

■ 53.2921, 50.3336,
40.6252

■ 59.4041, 54.7648,
41.1584

■ 65.3250, 59.1370,
41.6902

Harmonies

Analogous

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



22.7674, 27.1978, 33.0372



23.7050, 27.1978, 37.7185



25.2458, 27.1978, 40.3165

Triad

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



23.7050, 27.1978, 37.7185



29.3584, 27.1978, 31.3942



24.7157, 27.1978, 21.3283

Complementary

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



23.7050, 27.1978, 37.7185



24.9564, 23.4142, 18.5338

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.



26.4651, 27.1978, 20.9956



23.7050, 27.1978, 37.7185



29.2005, 27.1978, 26.4354

Square

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



23.7050, 27.1978, 37.7185



28.5442, 27.1978, 36.3980



28.1221, 27.1978, 22.7621



23.3322, 27.1978, 23.7298

Rectangle

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



23.7050, 27.1978, 37.7185



26.4313, 27.1978, 40.3372



28.1221, 27.1978, 22.7621



25.2786, 27.1978, 20.9822

Sweetspot

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



23.7058, 27.1989, 37.7191



54.4450, 58.8288, 68.8721



23.0814, 30.3965, 23.8029



11.7482, 12.7450, 15.0845



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



23.7058, 27.1989, 37.7191



39.1018, 45.7059, 67.1478



20.3547, 20.4966, 36.6021



7.1164, 7.6918, 9.0127



10.3740, 12.5275, 28.8011



0.2534, 0.3340, 0.6170

Inverse Universe

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



25.8380, 21.3041, 30.7685



43.6774, 33.6559, 52.0979



28.3310, 30.1633, 19.6587



7.2837, 7.1699, 8.4805



14.3818, 7.1088, 14.4671



0.3200, 0.1565, 0.3980

Previews

White Background



This preview shows how the XYZ color 23.7050, 27.1978, 37.7185 looks on a white 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

Black Background



This preview shows how the XYZ color 23.7050, 27.1978, 37.7185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

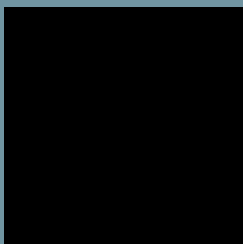
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

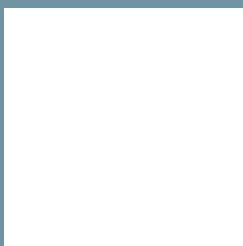
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.7050, 27.1978, 37.7185

Background



This preview shows how black text looks on a background with the XYZ color 23.7050, 27.1978, 37.7185.



This preview shows how white text looks on a background with the XYZ color 23.7050, 27.1978,

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

23.7050, 27.1978, 37.7185

Protanopia

26.4259, 27.0595, 35.7285

Deuteranopia

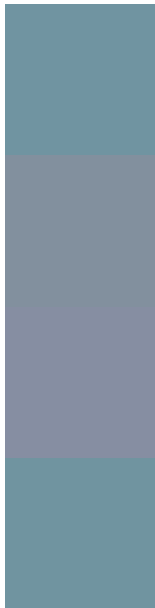
27.5534, 26.9323, 38.3966



Tritanopia

23.6172, 27.1626, 37.2559

Trichromacy



Original Color

23.7050, 27.1978, 37.7185

Protanomaly

25.3507, 27.1610, 36.2542

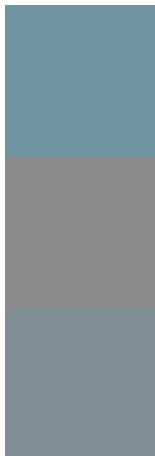
Deuteranomaly

26.0261, 27.0230, 38.0267

Tritanomaly

23.6172, 27.1626, 37.2559

Monochromacy



Original Color

23.7050, 27.1978, 37.7185

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.9927, 26.1197, 31.3808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7050, 27.1978, 37.7185 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(112, 148, 161)` looks like.

```
.text, #text, p{  
    color:rgb(112, 148, 161)  
}
```

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(112, 148, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 148, 161) }
```

Border

The CSS property to change the border of an element to XYZ 23.7050, 27.1978, 37.7185 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(112, 148, 161) }
```


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

```
.border{ border-color:rgb(112, 148, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 148, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 148, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 148, 161);  
box-shadow:4px 4px 4px 4px rgb(112, 148,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7050, 27.1978, 37.7185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 148, 161) }
```

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

```
.background{ background-color: rgb(112,  
148, 161) }
```

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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