

Converting Colors

XYZ(23.7792, 27.9752, 41.6202)

Have a look what the booklet for
XYZ(23.7792, 27.9752, 41.6202)
contains.

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Color

**XYZ(23.7075, 27.8226,
41.6569)**

Conversions

Conversions Part 1

Format	Color
Hex	6697A9
RGB	102, 151, 169
RGB Percent	40%, 59%, 66%
CMY	0.6000, 0.4078, 0.3373
CMYK	0.40, 0.11, 0.00, 0.34
HSL	196°, 28%, 53%
HSV	196°, 40%, 66%
XYZ	23.7075, 27.8226, 41.6569
YIQ	138.4010, -34.9820, -4.7900

Conversions

Conversions Part 2

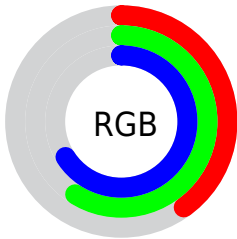
Format	Color
R_{YB}	102, 130, 169
Decimal	6723497
CIE _{Lab}	59.73, -11.67, -14.63
CIE _{LCh}	60, 18.713, 231.402
Yxy	27.8226, 0.2544, 0.2986
Android (android.graphics.Color)	4284913577 (0xFF6697A9)
YUV	138.4010, 15.0853, -31.9237
Hunter-Lab	52.7471, -12.0796, -9.9011

Details

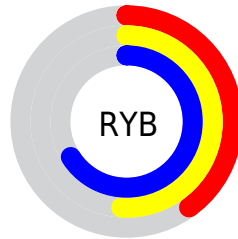
The XYZ color **23.7075, 27.8226, 41.6569** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.4773, 22.8275, 15.6344**, and the grayscale version is **24.2650, 25.5287, 27.8008**.

A 20% lighter version of the original color is **48.9962, 56.1124, 78.7694**, and **9.0834, 11.0768, 18.4889** is the 20% darker color. If you saturate the color by 10%, you get **21.2675, 25.5015, 41.3380**, and if you desaturate by 10%, it is **26.5678, 30.4034, 42.0048**.

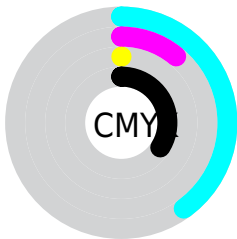
Distribution



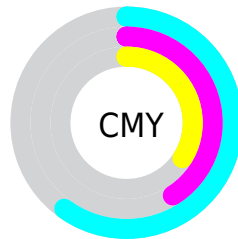
- Red (40%)
- Green (59%)
- Blue (66%)



- Red (40%)
- Yellow (51%)
- Blue (66%)



- Cyan (40%)
- Magenta (11%)
- Yellow (0%)
- Black (34%)



- Cyan (60%)
- Magenta (41%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.7075, 27.8226, 41.6569 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 23.7075, 27.8226, 41.6569 by changing the saturation by 10% instead.

■ 23.7075, 27.8226,
41.6569

■ 23.7075, 27.8226,
41.6569

263.8063,
291.6183, 368.8163

■ 15.2403, 18.1920,
28.5092

■ 49.0106, 56.2011,
78.9446

■ 9.0757, 11.0879,
18.4675

■ 66.5773, 75.7177,
103.9216

■ 4.8481, 6.1260,
11.1132

■ 87.9079, 99.2985,
133.6788

■ 2.1922, 2.9218,
6.0279

■ 113.3676,
127.3278, 168.6347

■ 0.7386, 1.0911,
2.7930

143.3220,
160.1901, 209.2079

■ 0.0000, 0.0000,
0.9899

178.1364,

■ 0.0000, 0.0000,

198.2696, 255.8168

0.0000

218.1760,
241.9509, 308.8801

■ 23.7075, 27.8226,
41.6569

■ 23.7075, 27.8226,
41.6569

■ 21.2675, 25.5015,
41.3380

■ 26.5678, 30.4034,
42.0048

■ 19.2211, 23.4239,
41.0448

■ 29.8680, 33.2527,
42.3808

■ 17.5423, 21.5767,
40.7768

■ 33.6295, 36.3824,
42.7866

■ 16.2006, 19.9437,
40.5323

■ 37.8716, 39.8030,
43.2233

■ 15.1605, 18.5060,
40.3096

■ 42.6123, 43.5241,
43.6917

■ 14.3471, 17.2245,
40.1051

■ 47.8687, 47.5552,
44.1927

■ 14.3193, 17.1803,
40.0980

■ 53.6572, 51.9049,
44.7272

■ 59.9933, 56.5817,
45.2960

■ 66.8918, 61.5938,
45.8998

Harmonies

Analogous

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



22.4321, 27.8226, 35.3002



23.7075, 27.8226, 41.6569



25.7704, 27.8226, 45.0844

Triad

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



23.7075, 27.8226, 41.6569



31.2013, 27.8226, 32.2833



24.8194, 27.8226, 19.7132

Complementary

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



23.7075, 27.8226, 41.6569



25.4773, 22.8275, 15.6344

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.



27.1303, 27.8226, 19.1539



23.7075, 27.8226, 41.6569



30.9090, 27.8226, 25.7852

Square

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



23.7075, 27.8226, 41.6569



30.1607, 27.8226, 39.1681



29.3845, 27.8226, 21.2118



23.0469, 27.8226, 22.8731

Rectangle

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



23.7075, 27.8226, 41.6569



27.3539, 27.8226, 44.9403



29.3845, 27.8226, 21.2118



25.5555, 27.8226, 19.2356

Sweetspot

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



23.7084, 27.8237, 41.6576



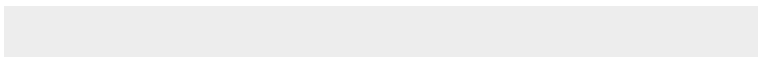
58.4151, 63.6680, 76.4354



23.0501, 32.5541, 22.7963



12.5476, 13.7244, 16.6399



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



23.7084, 27.8237, 41.6576



38.4056, 45.9815, 74.0762



19.0769, 18.5607, 40.1137



7.5746, 8.1860, 9.5992



10.7178, 12.8958, 29.8997



0.2996, 0.3913, 0.7404

Inverse Universe

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



26.7002, 20.1728, 31.7659



44.7316, 30.9120, 52.9122



30.2124, 32.2976, 17.2127



7.7546, 7.6317, 9.0250



14.9104, 7.3729, 14.8718



0.3824, 0.1872, 0.4649

Previews

White Background



This preview shows how the XYZ color 23.7075, 27.8226, 41.6569 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 23.7075, 27.8226, 41.6569 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 23.7075, 27.8226, 41.6569

Background



This preview shows how black text looks on a background with the XYZ color 23.7075, 27.8226, 41.6569.



This preview shows how white text looks on a background with the XYZ color 23.7075, 27.8226,

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

23.7075, 27.8226, 41.6569

Protanopia

27.0991, 27.5658, 38.5428

Deuteranopia

28.0565, 27.5361, 42.3643



Tritanopia

23.2959, 27.9035, 39.2801

Trichromacy



Original Color

23.7075, 27.8226, 41.6569

Protanomaly

25.5211, 27.4030, 39.5415

Deuteranomaly

26.1310, 27.4380, 41.9490

Tritanomaly

23.4780, 27.9763, 40.2389

Monochromacy



Original Color

23.7075, 27.8226, 41.6569

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.7047, 26.1748, 32.2366

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7075, 27.8226, 41.6569 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(102, 151, 169)` looks like.

```
.text, #text, p{  
    color:rgb(102, 151, 169)  
}
```

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(102, 151, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 151, 169) }
```

Border

The CSS property to change the border of an element to XYZ 23.7075, 27.8226, 41.6569 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(102, 151, 169) }
```


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

```
.border{ border-color:rgb(102, 151, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 151, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(102, 151, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(102, 151, 169); box-shadow:4px 4px 4px 4px rgb(102, 151, 169) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7075, 27.8226, 41.6569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 151, 169) }
```

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

```
.background{ background-color: rgb(102,  
151, 169) }
```

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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