

Converting Colors

XYZ(9.7433, 8.1180, 22.4201)

Have a look what the booklet for
XYZ(9.7433, 8.1180, 22.4201)
contains.

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Color

**XYZ(9.7037, 8.0660,
22.5182)**

Conversions

Conversions Part 1

Format	Color
Hex	4F4983
RGB	79, 73, 131
RGB Percent	31%, 29%, 51%
CMY	0.6902, 0.7137, 0.4863
CMYK	0.40, 0.44, 0.00, 0.49
HSL	246°, 28%, 40%
HSV	246°, 44%, 51%
XYZ	9.7037, 8.0660, 22.5182
YIQ	81.4060, -15.0420, 19.3100

Conversions

Conversions Part 2

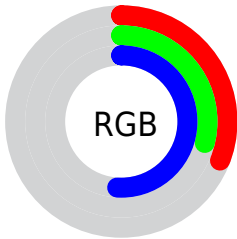
Format	Color
R_{YB}	79, 73, 131
Decimal	5196163
CIE _{Lab}	34.12, 17.65, -31.86
CIE _{LCh}	34, 36.424, 298.991
Yxy	8.0660, 0.2409, 0.2002
Android (android.graphics.Color)	4283386243 (0xFF4F4983)
YUV	81.4060, 24.4498, -2.1101
Hunter-Lab	28.4007, 11.2871, -27.1290




Details

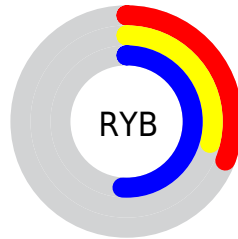
The XYZ color **9.7037, 8.0660, 22.5182** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **17.7764, 21.0737, 9.4342**, and the grayscale version is **7.8568, 8.2660, 9.0017**.




A 20% lighter version of the original color is **24.9713, 22.2051, 48.3173**, and **2.4313, 1.7340, 7.9911** is the 20% darker color. If you saturate the color by 10%, you get **8.0399, 6.0625, 22.2193**, and if you desaturate by 10%, it is **11.7221, 10.5217, 22.8860**.

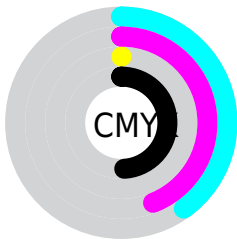
Distribution







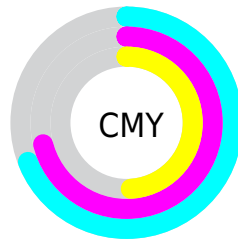
-  Red (31%)
-  Green (29%)
-  Blue (51%)






-  Red (31%)
-  Yellow (29%)
-  Blue (51%)



-  Cyan (40%)
-  Magenta (44%)
-  Yellow (0%)
-  Black (49%)



-  Cyan (69%)
-  Magenta (71%)
-  Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.7037, 8.0660, 22.5182 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 9.7037, 8.0660, 22.5182 by changing the saturation by 10% instead.

■ 9.7037, 8.0660,
22.5182

■ 9.7037, 8.0660,
22.5182

182.6422,
176.2488, 278.2819

■ 5.2637, 4.1372,
14.0362

■ 24.8914, 22.0877,
48.5141

■ 2.4391, 1.7506,
8.0068

■ 36.3699, 32.9495,
66.8651

■ 0.8647, 0.4561,
4.0115

■ 50.9252, 46.8909,
89.3429

■ 0.0000, 0.0000,
1.6316

■ 68.9228, 64.2966,
116.3659

■ 0.0000, 0.0000,
0.3132

■ 90.7279, 85.5508,
148.3528

■ 0.0000, 0.0000,
0.0000

116.7059,

111.0380, 185.7221

147.2223,
141.1425, 228.8923

■ 9.7037, 8.0660,
22.5182

■ 9.7037, 8.0660,
22.5182

■ 8.0399, 6.0625,
22.2193

■ 11.7221, 10.5217,
22.8860

■ 6.7091, 4.4826,
21.9845

■ 14.1130, 13.4541,
23.3260

■ 5.6891, 3.2961,
21.8093

■ 16.8944, 16.8869,
23.8420

■ 4.9541, 2.4679,
21.6882

■ 20.0826, 20.8419,
24.4373

■ 4.4724, 1.9532,
21.6142

■ 23.6932, 25.3397,
25.1152

■ 4.2710, 1.7285,
21.5814

■ 27.7407, 30.3998,
25.8786

■ 32.2393, 36.0408,
26.7303

■ 37.2022, 42.2801,
27.6730

■ 42.6423, 49.1348,
28.7094

Harmonies

Analogous

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



7.5984, 8.0660, 25.2235



9.7037, 8.0660, 22.5182



11.4935, 8.0660, 15.8361

Triad

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



9.7037, 8.0660, 22.5182



9.8428, 8.0660, 2.2886



4.4062, 8.0660, 8.5884

Complementary

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



9.7037, 8.0660, 22.5182



17.7764, 21.0737, 9.4342

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.



4.8001, 8.0660, 4.2136



9.7037, 8.0660, 22.5182



7.7350, 8.0660, 1.7008

Square

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



9.7037, 8.0660, 22.5182



11.5832, 8.0660, 4.4247



5.9364, 8.0660, 2.2098



4.7502, 8.0660, 15.3396

Rectangle

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



9.7037, 8.0660, 22.5182



12.1376, 8.0660, 11.0786



5.9364, 8.0660, 2.2098



4.4553, 8.0660, 6.8278

Sweetspot

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



9.7040, 8.0663, 22.5184



30.7778, 30.8889, 42.7931



14.2035, 17.7733, 24.1549



6.9237, 6.8921, 9.9181



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



9.7040, 8.0663, 22.5184



14.4113, 10.8729, 39.7923



12.6395, 9.5796, 22.6558



4.4759, 4.5659, 5.8462



4.2054, 1.7021, 21.2436



0.0173, 0.0073, 0.0737

Inverse Universe

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



15.4444, 11.0712, 20.7248



26.1281, 17.0126, 35.8476



14.1640, 19.2115, 9.2652



4.8377, 4.7548, 5.7576



12.4007, 6.0246, 17.2140



0.0444, 0.0215, 0.0674

Previews

White Background



This preview shows how the XYZ color 9.7037, 8.0660, 22.5182 looks on a white 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

Black Background



This preview shows how the XYZ color 9.7037, 8.0660, 22.5182 looks on a black 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

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

XYZ 9.7037, 8.0660, 22.5182

Background



This preview shows how black text looks on a background with the XYZ color 9.7037, 8.0660, 22.5182.



This preview shows how white text looks on a background with the XYZ color 9.7037, 8.0660,

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

9.7037, 8.0660, 22.5182

Protanopia

8.7992, 8.0671, 24.3859

Deuteranopia

8.1963, 8.0261, 21.8861



Tritanopia

7.2747, 8.0211, 10.6160

Trichromacy



Original Color

9.7037, 8.0660, 22.5182

Protanomaly

9.0019, 7.9801, 23.6201

Deuteranomaly

8.6076, 7.9116, 22.1925

Tritanomaly

8.0423, 8.0079, 14.2185

Monochromacy



Original Color

9.7037, 8.0660, 22.5182

Achromatopsia

7.8210, 8.2283, 8.9606

Achromatomaly

8.2848, 8.0551, 12.9225

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.7037, 8.0660, 22.5182 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(79, 73, 131)` looks like.

```
.text, #text, p{  
    color:rgb(79, 73, 131)  
}
```

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(79, 73, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 73, 131) }
```

Border

The CSS property to change the border of an element to XYZ 9.7037, 8.0660, 22.5182 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(79, 73, 131) }
```


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

```
.border{ border-color:rgb(79, 73, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 73, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 73, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 73, 131);  
box-shadow:4px 4px 4px 4px rgb(79, 73,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 9.7037, 8.0660, 22.5182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 73, 131) }
```

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

```
.background{ background-color: rgb(79, 73,  
131) }
```

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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