

Converting Colors

XYZ(22.8278, 18.6662, 37.1445)

Have a look what the booklet for
XYZ(22.8278, 18.6662, 37.1445)
contains.

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Color

**XYZ(22.7494, 18.6151,
37.0444)**

Conversions

Conversions Part 1

Format	Color
Hex	8D6AA3
RGB	141, 106, 163
RGB Percent	55%, 42%, 64%
CMY	0.4471, 0.5843, 0.3608
CMYK	0.13, 0.35, 0.00, 0.36
HSL	277°, 24%, 53%
HSV	277°, 35%, 64%
XYZ	22.7494, 18.6151, 37.0444
YIQ	122.9630, 2.5630, 25.1470

Conversions

Conversions Part 2

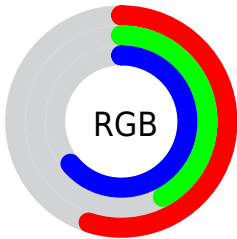
Format	Color
R_{YB}	141, 106, 163
Decimal	9267875
CIE Lab	50.23, 24.95, -25.42
CIE LCh	50, 35.623, 314.462
Yxy	18.6151, 0.2901, 0.2374
Android (android.graphics.Color)	4287457955 (0xFF8D6AA3)
YUV	122.9630, 19.7382, 15.8184
Hunter-Lab	43.1452, 18.6145, -20.7046

Details

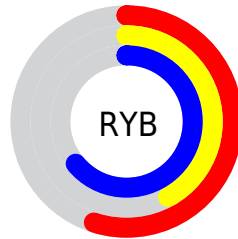
The XYZ color **22.7494, 18.6151, 37.0444** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.6013, 31.8246, 18.4826**, and the grayscale version is **18.7515, 19.7280, 21.4838**.

A 20% lighter version of the original color is **47.3874, 41.1178, 71.7686**, and **8.5987, 6.3475, 15.8109** is the 20% darker color. If you saturate the color by 10%, you get **20.1872, 15.0336, 36.4884**, and if you desaturate by 10%, it is **25.6929, 22.8681, 37.7105**.

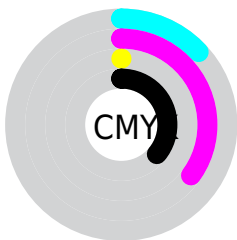
Distribution



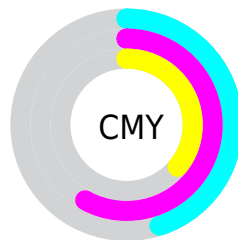
- Red (55%)
- Green (42%)
- Blue (64%)



- Red (55%)
- Yellow (42%)
- Blue (64%)



- Cyan (13%)
- Magenta (35%)
- Yellow (0%)
- Black (36%)



- Cyan (45%)
- Magenta (58%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.7494, 18.6151, 37.0444 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 22.7494, 18.6151, 37.0444 by changing the saturation by 10% instead.

■ 22.7494, 18.6151,
37.0444

■ 22.7494, 18.6151,
37.0444

258.9947,
244.3156, 348.6772

■ 14.5283, 11.3925,
24.9458

■ 47.4512, 41.0827,
71.8282

■ 8.5731, 6.3315,
15.8180

■ 64.6626, 57.0965,
95.3504

■ 4.5187, 3.0477,
9.2425

■ 85.6014, 76.8094,
123.5176

■ 1.9995, 1.1567,
4.8007

■ 110.6330,
100.6059, 156.7484

■ 0.6337, 0.0259,
2.0741

140.1228,
128.8704, 195.4611

■ 0.0000, 0.0000,
0.6003

174.4361,

■ 0.0000, 0.0000,

161.9872, 240.0745

0.0000

213.9383,
200.3408, 291.0070

■ 22.7494, 18.6151,
37.0444

■ 22.7494, 18.6151,
37.0444

■ 20.1872, 15.0336,
36.4884

■ 25.6929, 22.8681,
37.7105

■ 17.9853, 12.0843,
36.0352

■ 29.0335, 27.8241,
38.4910

■ 16.1233, 9.7277,
35.6785

■ 32.7884, 33.5155,
39.3917

■ 14.5778, 7.9184,
35.4107

■ 36.9730, 39.9720,
40.4173

■ 13.3220, 6.6045,
35.2233

■ 41.6021, 47.2214,
41.5726

■ 12.3227, 5.7211,
35.1054

■ 46.6895, 55.2904,
42.8620

■ 11.8763, 5.3587,
35.0590

■ 52.2485, 64.2043,
44.2895

■ 58.2919, 73.9872,
45.8593

■ 64.8320, 84.6623,
47.5751

Harmonies

Analogous

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



19.3992, 18.6151, 44.7424



22.7494, 18.6151, 37.0444



24.8720, 18.6151, 25.7864

Triad

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



22.7494, 18.6151, 37.0444



19.5273, 18.6151, 6.9360



12.0235, 18.6151, 25.3842

Complementary

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



22.7494, 18.6151, 37.0444



24.6013, 31.8246, 18.4826

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.



12.0484, 18.6151, 15.6002



22.7494, 18.6151, 37.0444



16.0901, 18.6151, 6.8909

Square

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



22.7494, 18.6151, 37.0444



22.8536, 18.6151, 9.6743



13.4477, 18.6151, 9.5212



13.3745, 18.6151, 36.6689

Rectangle

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



22.7494, 18.6151, 37.0444



25.1516, 18.6151, 18.8286



13.4477, 18.6151, 9.5212



11.8774, 18.6151, 21.7803

Sweetspot

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



22.7500, 18.6159, 37.0448



55.1181, 54.5374, 69.6778



20.3793, 21.3571, 37.6989



12.1792, 11.9462, 15.6014



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



22.7500, 18.6159, 37.0448



37.1016, 28.2287, 65.5493



26.3702, 20.5399, 34.6079



7.0983, 7.0650, 8.8926



9.2818, 4.1914, 27.2496



0.2454, 0.1141, 0.5749

Inverse Universe

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



24.1551, 19.6538, 22.9432



40.1949, 30.4874, 35.6941



21.9496, 30.4222, 19.9578



7.1816, 7.1291, 7.9430



12.4551, 6.3381, 4.3211



0.2844, 0.1423, 0.2103

Previews

White Background



This preview shows how the XYZ color 22.7494, 18.6151, 37.0444 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 22.7494, 18.6151, 37.0444 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 22.7494, 18.6151, 37.0444

Background



This preview shows how black text looks on a background with the XYZ color 22.7494, 18.6151, 37.0444.



This preview shows how white text looks on a background with the XYZ color 22.7494, 18.6151,

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

22.7494, 18.6151, 37.0444

Protanopia

19.4043, 18.7602, 41.6281

Deuteranopia

19.2181, 18.7813, 36.3305



Tritanopia

19.5841, 18.6156, 21.2999

Trichromacy



Original Color

22.7494, 18.6151, 37.0444

Protanomaly

20.3812, 18.6122, 40.0544

Deuteranomaly

20.4241, 18.7082, 36.7170

Tritanomaly

20.5884, 18.5222, 26.5348

Monochromacy



Original Color

22.7494, 18.6151, 37.0444

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

20.1547, 19.3034, 26.7084

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.7494, 18.6151, 37.0444 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(141, 106, 163)` looks like.

```
.text, #text, p{  
    color:rgb(141, 106, 163)  
}
```

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(141, 106, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 106, 163) }
```

Border

The CSS property to change the border of an element to XYZ 22.7494, 18.6151, 37.0444 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(141, 106, 163) }
```


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

```
.border{ border-color:rgb(141, 106, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 106, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 106, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 106, 163);  
box-shadow:4px 4px 4px 4px rgb(141, 106,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 22.7494, 18.6151, 37.0444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 106, 163) }
```

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

```
.background{ background-color: rgb(141,  
106, 163) }
```

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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