Converting Colors

XYZ(9.5613, 7.3057, 20.2932)

Have a look what the booklet for XYZ(9.5613, 7.3057, 20.2932) contains.

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Color

XYZ(9.5224, 7.2875, 20.3068)

Conversions

Conversions Part 1

Format	Color
Hex	57417D
RGB	87, 65, 125
RGB Percent	34%, 25%, 49%
CMY	0.6588, 0.7451, 0.5098
CMYK	0.30, 0.48, 0.00, 0.51
HSL	262°, 32%, 37%
HSV	262°, 48%, 49%
XYZ	9.5224, 7.2875, 20.3068
YIQ	78.4180, -6.1480, 23.3240

Conversions

Conversions Part 2

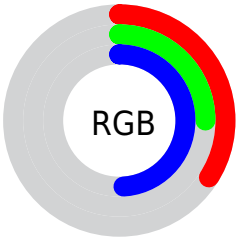
Format	Color
RYB	87, 65, 125
Decimal	5718397
CIELab	32.45, 23.38, -30.73
CIELCh	32, 38.609, 307.261
Yxy	7.2875, 0.2566, 0.1963
Android (android.graphics.Color)	4283908477 (0xFF57417D)
YUV	78.4180, 22.9649, 7.5264
Hunter-Lab	26.9954, 15.7225, -25.7031

Details

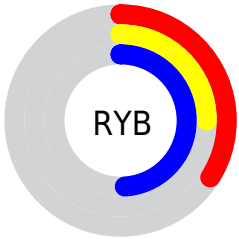
The XYZ color 9.5224, 7.2875, 20.3068 is a dark color, and the websafe version is hex 333366. A complement of this color would be 13.8815, 17.9327, 7.7310, and the grayscale version is 7.2795, 7.6586, 8.3402.

A 20% lighter version of the original color is 24.5885, 20.5136, 44.7830, and 2.3720, 1.4702, 6.9962 is the 20% darker color. If you saturate the color by 10%, you get 8.1837, 5.6476, 20.0610, and if you desaturate by 10%, it is 11.1016, 9.2874, 20.6097.

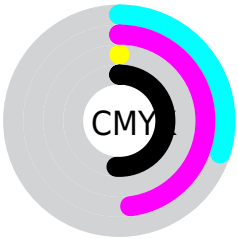
Distribution



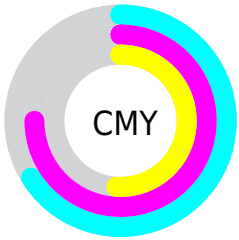
- Red (34%)
- Green (25%)
- Blue (49%)



- Red (34%)
- Yellow (25%)
- Blue (49%)



- Cyan (30%)
- Magenta (48%)
- Yellow (0%)
- Black (51%)



- Cyan (66%)
- Magenta (75%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.5224, 7.2875, 20.3068 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 9.5224, 7.2875, 20.3068 by changing the saturation by 10% instead.

9.5224, 7.2875, 20.3068

9.5224, 7.2875, 20.3068

181.3544, 170.0317, 266.2302

5.1433, 3.6425, 12.4320

24.5511, 20.5493, 44.7967

2.3672, 1.4757, 6.9125

35.9315, 30.9349, 62.2488

0.8287, 0.2715, 3.3298

50.3763, 44.3362, 83.7304

0.0000, 0.0000, 1.2654

68.2508, 61.1376, 109.6601

0.0000, 0.0000, 0.0332

89.9206, 81.7234, 140.4564

0.0000, 0.0000, 0.0000

115.7509,

106.4781, 176.5378

146.1070, 135.7861, 218.3229

9.5224, 7.2875, 20.3068

9.5224, 7.2875, 20.3068

8.1837, 5.6476, 20.0610

11.1016, 9.2874, 20.6097

7.0714, 4.3443, 19.8680

12.9326, 11.6671, 20.9726

6.1712, 3.3528, 19.7241

15.0269, 14.4458, 21.3985

5.4665, 2.6441, 19.6244

17.3949, 17.6411, 21.8905

4.9205, 2.1493, 19.5577

20.0468, 21.2697, 22.4511

4.8209, 2.0576, 19.5453

22.9918, 25.3471, 23.0829

26.2389, 29.8884, 23.7883

29.7967, 34.9076, 24.5696

33.6734, 40.4185, 25.4290

Harmonies

Analogous

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

7.4235, 7.2875, 24.6165

9.5224, 7.2875, 20.3068

11.1079, 7.2875, 12.9924

Triad

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

9.5224, 7.2875, 20.3068

8.5201, 7.2875, 1.4987

3.7720, 7.2875, 9.4081

Complementary

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

9.5224, 7.2875, 20.3068

13.8815, 17.9327, 7.7310

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.

3.9534, 7.2875, 4.3967

9.5224, 7.2875, 20.3068

6.4523, 7.2875, 1.2601

Square

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

9.5224, 7.2875, 20.3068

10.4559, 7.2875, 2.9639

4.8513, 7.2875, 2.0046

4.2969, 7.2875, 16.6335

Rectangle

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

9.5224, 7.2875, 20.3068

11.5158, 7.2875, 8.4723

4.8513, 7.2875, 2.0046

3.7544, 7.2875, 7.4206

Sweetspot

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

9.5227, 7.2878, 20.3070

28.4035, 27.8749, 38.6277

10.8322, 12.5054, 21.2451

6.2921, 6.1138, 8.7515

60.6688, 63.8283, 69.5090

7.9400, 8.3535, 9.0970

Same Dimension

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

9.5227, 7.2878, 20.3070

14.3513, 9.7503, 35.8700

12.7947, 8.9745, 20.4601

4.2462, 4.2825, 5.4161

5.0242, 2.1438, 20.3989

0.0000, 0.0000, 0.0000

Inverse Universe

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

12.7962, 9.1201, 13.9182

21.1743, 13.5796, 22.0979

11.1120, 16.5049, 7.6014

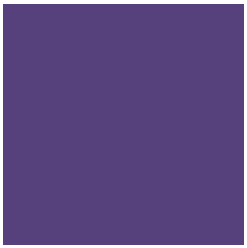
4.4333, 4.3865, 5.0864

10.3029, 5.1409, 8.1849

0.0000, 0.0000, 0.0000

Previews

White Background

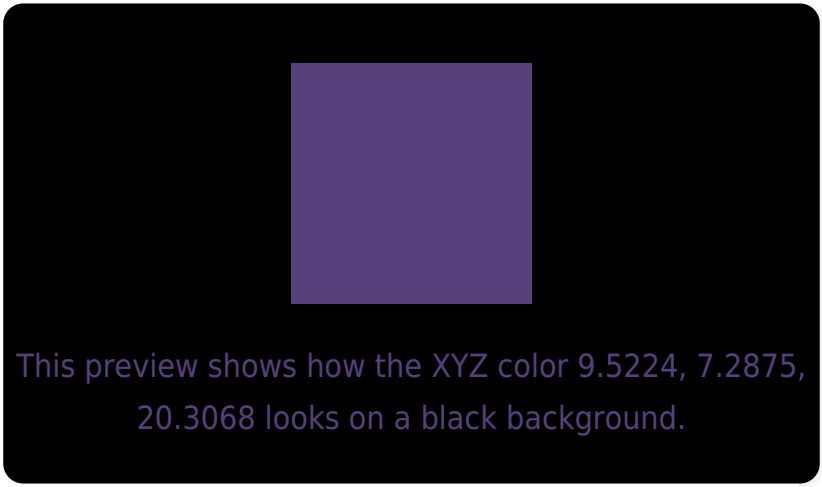


This preview shows how the XYZ color 9.5224, 7.2875, 20.3068 looks on a white background.

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

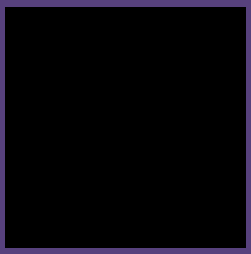


Color Contrast Check

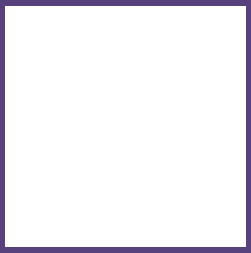
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

XYZ 9.5224, 7.2875, 20.3068 Background



This preview shows how black text looks on a background with the XYZ color 9.5224, 7.2875, 20.3068.



This preview shows how white text looks on a background with the XYZ color 9.5224, 7.2875,

20.3068.

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
9.5224, 7.2875, 20.3068

Protanopia
8.0858, 7.4064, 23.5577

Deuteranopia
7.5444, 7.4159, 19.7727

Tritanopia
7.1432, 7.2459, 8.8067

Trichromacy

Original Color
9.5224, 7.2875, 20.3068

Protanomaly
8.3999, 7.2019, 22.4201

Deuteranomaly
8.0705, 7.2771, 20.0480

Tritanomaly
7.8042, 7.1189, 12.2720

Monochromacy

Original Color
9.5224, 7.2875, 20.3068

Achromatopsia
7.2414, 7.6185, 8.2966

Achromatomaly
7.8414, 7.3406, 11.8301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.5224, 7.2875, 20.3068 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(87, 65, 125) looks like.

```
.text, #text, p{
    color:rgb(87, 65, 125)
}
```

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(87, 65, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 65, 125) }
```

Border

The CSS property to change the border of an element to XYZ 9.5224, 7.2875, 20.3068 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(87, 65, 125) }
```

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

```
.border{ border-color:rgb(87, 65, 125) }
```

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

Here you see how a box with a 4 pixel rgb(87, 65, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(87, 65, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(87, 65, 125); box-shadow:4px 4px 4px 4px rgb(87, 65, 125) }
```

Background

The CSS property to change the background color of an element to XYZ 9.5224, 7.2875, 20.3068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(87, 65, 125) }
```

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

```
.background{ background-color:rgb(87, 65,
125) }
```

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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