

Converting Colors

XYZ(19.5121, 12.7630, 11.2444)

Have a look what the booklet for
XYZ(19.5121, 12.7630, 11.2444)
contains.

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Color

**XYZ(19.5624, 12.7588,
11.3292)**

Conversions

Conversions Part 1

Format	Color
Hex	A6425B
RGB	166, 66, 91
RGB Percent	65%, 26%, 36%
CMY	0.3490, 0.7412, 0.6431
CMYK	0.00, 0.60, 0.45, 0.35
HSL	345°, 43%, 45%
HSV	345°, 60%, 65%
XYZ	19.5624, 12.7588, 11.3292
YIQ	98.7500, 51.5750, 28.9750

Conversions

Conversions Part 2

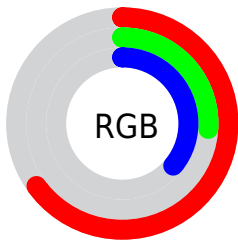
Format	Color
RYB	166, 66, 91
Decimal	10895963
CIELab	42.40, 43.50, 6.62
CIELCh	42, 43.997, 8.650
Yxy	12.7588, 0.4482, 0.2923
Android (android.graphics.Color)	4289086043 (0xFFA6425B)
YUV	98.7500, -3.8207, 58.9783
Hunter-Lab	35.7195, 35.2496, 6.1985

Details

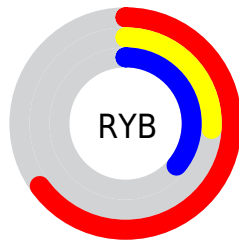
The XYZ color **19.5624, 12.7588, 11.3292** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **20.6915, 30.3540, 29.9698**, and the grayscale version is **11.7977, 12.4121, 13.5167**.

A 20% lighter version of the original color is **42.0266, 30.7272, 28.9152**, and **6.9887, 3.6425, 2.9195** is the 20% darker color. If you saturate the color by 10%, you get **18.2361, 10.8957, 8.4535**, and if you desaturate by 10%, it is **21.2599, 15.2218, 14.7686**.

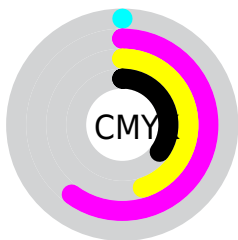
Distribution



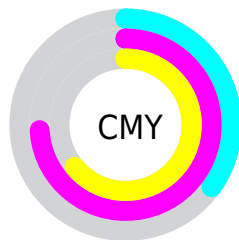
- Red (65%)
- Green (26%)
- Blue (36%)



- Red (65%)
- Yellow (26%)
- Blue (36%)



- Cyan (0%)
- Magenta (60%)
- Yellow (45%)
- Black (35%)



- Cyan (35%)
- Magenta (74%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5624, 12.7588, 11.3292 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 19.5624, 12.7588, 11.3292 by changing the saturation by 10% instead.

■ 19.5624, 12.7588,
11.3292

■ 19.5624, 12.7588,
11.3292

242.4151,
209.3660, 210.7302

■ 12.1838, 7.2627,
6.1718

■ 42.1919, 30.8698,
28.9132

■ 6.9420, 3.6269,
2.8793

■ 58.1734, 44.2534,
42.1769

■ 3.4719, 1.4671,
1.0334

■ 77.7532, 61.0350,
58.9797

■ 1.4079, 0.2654,
0.0000

■ 101.2968, 81.5989,
79.7403

■ 0.2619, 0.0000,
0.0000

■ 129.1694,
106.3296, 104.8770

■ 0.0000, 0.0000,
0.0000

161.7365,

135.6114, 134.8086

199.3632,
169.8287, 169.9535

■ 19.5624, 12.7588,
11.3292

■ 19.5624, 12.7588,
11.3292

■ 18.2361, 10.8957,
8.4535

■ 21.2599, 15.2218,
14.7686

■ 17.2506, 9.5785,
6.1092

■ 23.3539, 18.3285,
18.8000

■ 16.5718, 8.7467,
4.2618

■ 25.8684, 22.1210,
23.4503

■ 16.1347, 8.2705,
2.8892

■ 28.8254, 26.6371,
28.7448

■ 32.2450, 31.9122,
34.7072

■ 36.1464, 37.9788,
41.3600

■ 40.5475, 44.8680,
48.7246

■ 45.4653, 52.6089,
56.8214

■ 50.9160, 61.2294,
65.6702

Harmonies

Analogous

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



19.0659, 12.7588, 21.6330



19.5624, 12.7588, 11.3292



17.8018, 12.7588, 5.3397

Triad

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



19.5624, 12.7588, 11.3292



8.5731, 12.7588, 3.9710



9.9560, 12.7588, 38.6937

Complementary

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



19.5624, 12.7588, 11.3292



20.6915, 30.3540, 29.9698

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.



7.8077, 12.7588, 28.6531



19.5624, 12.7588, 11.3292



7.1161, 12.7588, 8.2608

Square

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



19.5624, 12.7588, 11.3292



11.1954, 12.7588, 2.5457



6.8640, 12.7588, 16.8152



13.1086, 12.7588, 40.7946

Rectangle

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



19.5624, 12.7588, 11.3292



15.7452, 12.7588, 3.4214



6.8640, 12.7588, 16.8152



9.1103, 12.7588, 35.9709

Sweetspot

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



19.5627, 12.7595, 11.3294



53.4306, 50.0576, 54.1336



19.8162, 12.3132, 37.4084



11.5895, 10.6379, 11.4664



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.



19.5627, 12.7595, 11.3294



32.4789, 18.9322, 13.9226



20.4508, 15.9834, 7.1625



7.6052, 7.5719, 8.2381



12.5281, 6.4200, 2.3266



0.3246, 0.1641, 0.1610

Inverse Universe

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



19.5627, 12.7595, 11.3294



32.4789, 18.9322, 13.9226



18.6552, 22.9618, 39.5250



7.6052, 7.5719, 8.2381



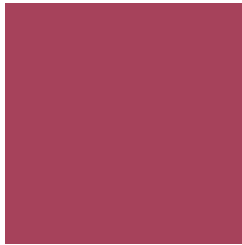
12.5281, 6.4200, 2.3266



0.3246, 0.1641, 0.1610

Previews

White Background



This preview shows how the XYZ color 19.5624, 12.7588, 11.3292 looks on a white background.

Color Contrast Check

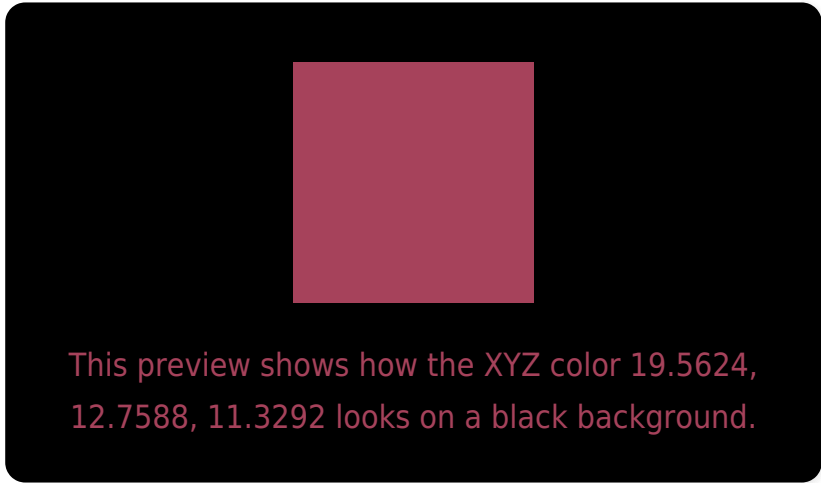
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

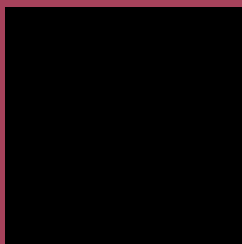
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.5624, 12.7588, 11.3292

Background



This preview shows how black text looks on a background with the XYZ color 19.5624, 12.7588, 11.3292.



This preview shows how white text looks on a background with the XYZ color 19.5624, 12.7588,

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

19.5624, 12.7588, 11.3292

Protanopia

12.6272, 12.9495, 16.5858

Deuteranopia

13.1569, 12.9343, 10.6072



Tritanopia

18.8812, 12.7500, 7.9444

Trichromacy



Original Color

19.5624, 12.7588, 11.3292

Protanomaly

14.2501, 12.2438, 14.4442

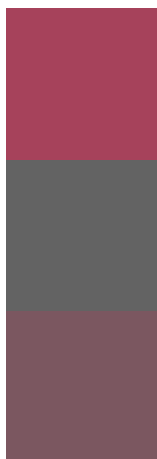
Deuteranomaly

14.9208, 12.4285, 10.8450

Tritanomaly

19.0321, 12.7128, 9.0401

Monochromacy



Original Color

19.5624, 12.7588, 11.3292

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

13.6879, 11.8719, 12.6364

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5624, 12.7588, 11.3292 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(166, 66, 91)` looks like.

```
.text, #text, p{  
    color:rgb(166, 66, 91)  
}
```

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(166, 66, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 66, 91) }
```

Border

The CSS property to change the border of an element to XYZ 19.5624, 12.7588, 11.3292 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(166, 66, 91) }
```


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

```
.border{ border-color:rgb(166, 66, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 66, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 66, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 66, 91);  
box-shadow:4px 4px 4px 4px rgb(166, 66,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5624, 12.7588, 11.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 66, 91) }
```

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

```
.background{ background-color: rgb(166, 66,  
91) }
```

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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