

Converting Colors

XYZ(23.8099, 18.0500, 27.5159)

Have a look what the booklet for
XYZ(23.8099, 18.0500, 27.5159)
contains.

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Color

**XYZ(23.7804, 18.0495,
27.4299)**

Conversions

Conversions Part 1

Format	Color
Hex	A1618D
RGB	161, 97, 141
RGB Percent	63%, 38%, 55%
CMY	0.3686, 0.6196, 0.4471
CMYK	0.00, 0.40, 0.12, 0.37
HSL	319°, 25%, 51%
HSV	319°, 40%, 63%
XYZ	23.7804, 18.0495, 27.4299
YIQ	121.1520, 24.0200, 27.2520

Conversions

Conversions Part 2

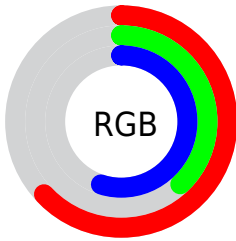
Format	Color
R_{YB}	161, 97, 141
Decimal	10576269
CIE _{Lab}	49.56, 32.49, -13.29
CIE _{LCh}	50, 35.105, 337.761
Yxy	18.0495, 0.3434, 0.2606
Android (android.graphics.Color)	4288766349 (0xFFA1618D)
YUV	121.1520, 9.7851, 34.9467
Hunter-Lab	42.4847, 25.5654, -8.5408

Details

The XYZ color **23.7804, 18.0495, 27.4299** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.8863, 29.3161, 21.3886**, and the grayscale version is **18.1875, 19.1346, 20.8376**.

A 20% lighter version of the original color is **49.2130, 40.1867, 56.7928**, and **9.1296, 6.0574, 10.5855** is the 20% darker color. If you saturate the color by 10%, you get **22.0752, 15.2244, 25.0562**, and if you desaturate by 10%, it is **25.8057, 21.4869, 29.9946**.

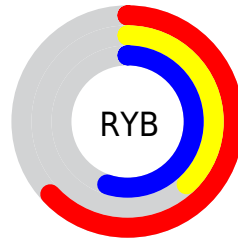
Distribution



Red (63%)

Green (38%)

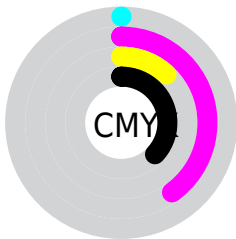
Blue (55%)



Red (63%)

Yellow (38%)

Blue (55%)

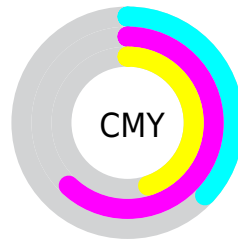


Cyan (0%)

Magenta (40%)

Yellow (12%)

Black (37%)



Cyan (37%)

Magenta (62%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.7804, 18.0495, 27.4299 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 23.7804, 18.0495, 27.4299 by changing the saturation by 10% instead.

■ 23.7804, 18.0495,
27.4299

■ 23.7804, 18.0495,
27.4299

264.1695,
241.1499, 303.5584

■ 15.2947, 10.9855,
17.6611

■ 49.1289, 40.1217,
56.5850

■ 9.1141, 6.0571,
10.5400

■ 66.7224, 55.8986,
76.8084

■ 4.8734, 2.8798,
5.6482

■ 88.0824, 75.3487,
101.3538

■ 2.2072, 1.0693,
2.5671

■ 113.5745, 98.8563,
130.6396

■ 0.7465, 0.0000,
0.8754

143.5639,
126.8059, 165.0844

■ 0.0000, 0.0000,
0.0000

178.4159,

159.5817, 205.1068

218.4960,
197.5683, 251.1253

■ 23.7804, 18.0495,
27.4299

■ 23.7804, 18.0495,
27.4299

■ 22.0752, 15.2244,
25.0562

■ 25.8057, 21.4869,
29.9946

■ 20.6697, 12.9722,
22.8651

■ 28.1664, 25.5679,
32.7559

■ 19.5439, 11.2530,
20.8489

■ 30.8789, 30.3245,
35.7206

■ 18.6746, 10.0204,
18.9987

■ 33.9580, 35.7860,
38.8946

■ 18.0342, 9.2201,
17.3043

■ 37.4175, 41.9800,
42.2835

■ 17.5614, 8.7295,
15.7439

■ 41.2708, 48.9323,
45.8928

■ 17.5501, 8.7180,
15.7060

■ 45.5302, 56.6678,
49.7277

■ 50.2078, 65.2102,
53.7930

■ 55.3151, 74.5819,
58.0936

Harmonies

Analogous

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



21.3763, 18.0495, 37.9751



23.7804, 18.0495, 27.4299



24.3027, 18.0495, 17.2823

Triad

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



23.7804, 18.0495, 27.4299



16.3065, 18.0495, 6.5198



12.5809, 18.0495, 33.1341

Complementary

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



23.7804, 18.0495, 27.4299



20.8863, 29.3161, 21.3886

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.



11.5680, 18.0495, 22.2307



23.7804, 18.0495, 27.4299



13.5304, 18.0495, 8.4398

Square

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



23.7804, 18.0495, 27.4299



19.6910, 18.0495, 7.1091



11.8917, 18.0495, 13.5051



14.8476, 18.0495, 41.9418

Rectangle

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



23.7804, 18.0495, 27.4299



23.4583, 18.0495, 12.2980



11.8917, 18.0495, 13.5051



12.0968, 18.0495, 29.4754

Sweetspot

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



23.7810, 18.0503, 27.4303



54.0380, 52.0834, 62.6228



17.9376, 14.8502, 35.6397



11.7209, 11.1934, 13.5932



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



23.7810, 18.0503, 27.4303



39.7720, 27.6537, 45.2207



21.7769, 17.2487, 16.8773



7.2696, 7.1643, 8.4064



14.0355, 6.9703, 12.6434



0.3147, 0.1544, 0.3698

Inverse Universe

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



23.7810, 18.0503, 27.4303



39.7720, 27.6537, 45.2207



23.0365, 30.1762, 32.7111



7.2696, 7.1643, 8.4064



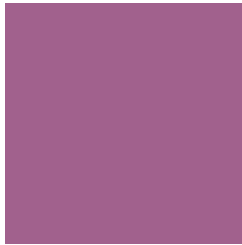
14.0355, 6.9703, 12.6434



0.3147, 0.1544, 0.3698

Previews

White Background



This preview shows how the XYZ color 23.7804, 18.0495, 27.4299 looks on a white background.

Color Contrast Check

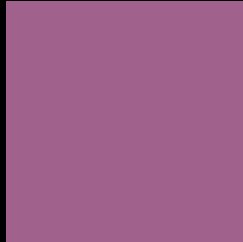
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 23.7804, 18.0495, 27.4299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

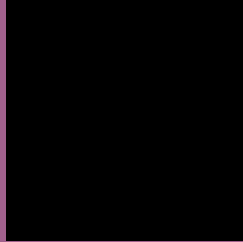
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.7804, 18.0495, 27.4299

Background



This preview shows how black text looks on a background with the XYZ color 23.7804, 18.0495, 27.4299.



This preview shows how white text looks on a background with the XYZ color 23.7804, 18.0495,

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

23.7804, 18.0495, 27.4299

Protanopia

18.4620, 18.2773, 33.5652

Deuteranopia

18.4639, 18.0895, 26.5632



Tritanopia

21.8200, 18.1173, 17.3859

Trichromacy



Original Color

23.7804, 18.0495, 27.4299

Protanomaly

19.8333, 17.8659, 31.2573

Deuteranomaly

20.0144, 17.7401, 26.7954

Tritanomaly

22.4646, 18.0834, 20.7188

Monochromacy



Original Color

23.7804, 18.0495, 27.4299

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.8438, 18.3811, 22.9241

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7804, 18.0495, 27.4299 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(161, 97, 141)` looks like.

```
.text, #text, p{  
    color:rgb(161, 97, 141)  
}
```

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(161, 97, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 97, 141) }
```

Border

The CSS property to change the border of an element to XYZ 23.7804, 18.0495, 27.4299 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(161, 97, 141) }
```


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

```
.border{ border-color:rgb(161, 97, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 97, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 97, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 97, 141);  
box-shadow:4px 4px 4px 4px rgb(161, 97,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7804, 18.0495, 27.4299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 97, 141) }
```

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

```
.background{ background-color: rgb(161, 97,  
141) }
```

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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