

Converting Colors

XYZ(24.2605, 18.7350, 27.3559)

Have a look what the booklet for
XYZ(24.2605, 18.7350, 27.3559)
contains.

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Color

**XYZ(24.2652, 18.7188,
27.5335)**

Conversions

Conversions Part 1

Format	Color
Hex	A2648D
RGB	162, 100, 141
RGB Percent	64%, 39%, 55%
CMY	0.3647, 0.6078, 0.4471
CMYK	0.00, 0.38, 0.13, 0.36
HSL	320°, 25%, 51%
HSV	320°, 38%, 64%
XYZ	24.2652, 18.7188, 27.5335
YIQ	123.2120, 23.7910, 25.8950

Conversions

Conversions Part 2

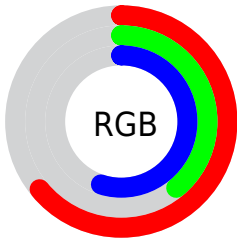
Format	Color
R_{YB}	162, 100, 141
Decimal	10642573
CIE _{Lab}	50.36, 31.17, -12.06
CIE _{LCh}	50, 33.423, 338.840
Yxy	18.7188, 0.3441, 0.2654
Android (android.graphics.Color)	4288832653 (0xFFA2648D)
YUV	123.2120, 8.7695, 34.0171
Hunter-Lab	43.2652, 24.3971, -7.4458

Details

The XYZ color **24.2652, 18.7188, 27.5335** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.6279, 29.9311, 22.7278**, and the grayscale version is **18.8636, 19.8460, 21.6123**.

A 20% lighter version of the original color is **49.9920, 41.3020, 56.9670**, and **9.3788, 6.3742, 10.6336** is the 20% darker color. If you saturate the color by 10%, you get **22.4650, 15.7555, 24.9687**, and if you desaturate by 10%, it is **26.3958, 22.3099, 30.3087**.

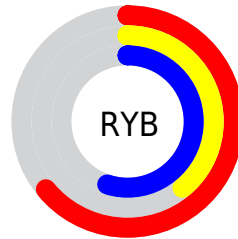
Distribution



Red (64%)

Green (39%)

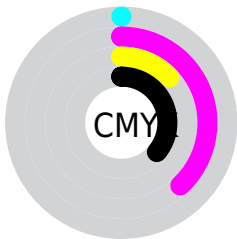
Blue (55%)



Red (64%)

Yellow (39%)

Blue (55%)

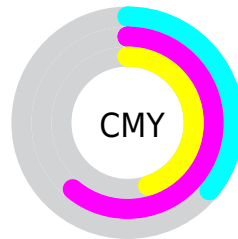


Cyan (0%)

Magenta (38%)

Yellow (13%)

Black (36%)



Cyan (36%)


Magenta (61%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.2652, 18.7188, 27.5335 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 24.2652, 18.7188, 27.5335 by changing the saturation by 10% instead.


 24.2652, 18.7188,
27.5335


 24.2652, 18.7188,
27.5335


266.5742,
244.8920, 304.0725


 15.6563, 11.4673,
17.7383

 49.9142, 41.2584,
56.7529


 9.3705, 6.3820,
10.5948


 67.6849, 57.3152,
77.0142

 5.0427, 3.0788,
5.6843

 89.2403, 77.0760,
101.6013

 2.3073, 1.1730,
2.5884

 114.9456,
100.9250, 130.9327

 0.7984, 0.0395,
0.8865

145.1663,
129.2467, 165.4270

 0.0000, 0.0000,
0.0000

180.2678,

162.4255, 205.5027

220.6153,
200.8458, 251.5784

■ 24.2652, 18.7188,
27.5335

■ 24.2652, 18.7188,
27.5335

■ 22.4650, 15.7555,
24.9687

■ 26.3958, 22.3099,
30.3087

■ 20.9747, 13.3803,
22.6054

■ 28.8721, 26.5600,
33.3001

■ 19.7742, 11.5534,
20.4356

■ 31.7108, 31.5015,
36.5150

■ 18.8403, 10.2287,
18.4502

■ 34.9267, 37.1637,
39.9595

■ 18.1459, 9.3523,
16.6384

■ 38.5339, 43.5745,
43.6397

■ 17.6417, 8.8267,
14.9825

■ 42.5458, 50.7599,
47.5614

■ 17.5610, 8.7457,
14.7074

■ 46.9751, 58.7451,
51.7301

■ 51.8337, 67.5538,
56.1509

■ 57.1335, 77.2089,
60.8291

Harmonies

Analogous

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



21.9969, 18.7188, 37.7010



24.2652, 18.7188, 27.5335



24.6938, 18.7188, 17.7579

Triad

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



24.2652, 18.7188, 27.5335



16.8503, 18.7188, 7.3359



13.3623, 18.7188, 33.7620

Complementary

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



24.2652, 18.7188, 27.5335



21.6279, 29.9311, 22.7278

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.



12.3128, 18.7188, 23.2517



24.2652, 18.7188, 27.5335



14.1597, 18.7188, 9.3940

Square

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



24.2652, 18.7188, 27.5335



20.1394, 18.7188, 7.8495



12.5859, 18.7188, 14.5896



15.6338, 18.7188, 41.9906

Rectangle

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



24.2652, 18.7188, 27.5335



23.8336, 18.7188, 12.9224



12.5859, 18.7188, 14.5896



12.8683, 18.7188, 30.2692

Sweetspot

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



24.2658, 18.7197, 27.5339



55.9834, 54.4175, 64.5314



18.9181, 15.7649, 36.2286



12.4227, 11.9588, 14.3239



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.



24.2658, 18.7197, 27.5339



41.2043, 29.2869, 45.9552



22.2908, 17.9297, 17.1341



7.2619, 7.1612, 8.3654



13.8555, 6.8983, 11.6955



0.3118, 0.1532, 0.3547

Inverse Universe

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



24.2658, 18.7197, 27.5339



41.2043, 29.2869, 45.9552



23.8168, 30.8066, 34.2544



7.2619, 7.1612, 8.3654



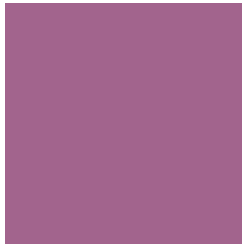
13.8555, 6.8983, 11.6955



0.3118, 0.1532, 0.3547

Previews

White Background



This preview shows how the XYZ color 24.2652, 18.7188, 27.5335 looks on a white background.

Color Contrast Check

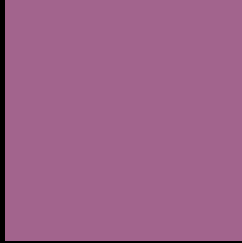
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2652, 18.7188, 27.5335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

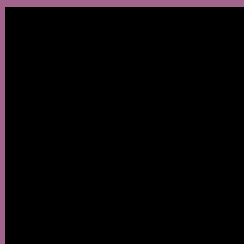
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.2652, 18.7188, 27.5335

Background



This preview shows how black text looks on a background with the XYZ color 24.2652, 18.7188, 27.5335.



This preview shows how white text looks on a background with the XYZ color 24.2652, 18.7188,

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

24.2652, 18.7188, 27.5335

Protanopia

18.9851, 18.9063, 33.2205

Deuteranopia

19.2609, 18.8426, 26.6666



Tritanopia

22.3303, 18.6663, 18.0488

Trichromacy



Original Color

24.2652, 18.7188, 27.5335

Protanomaly

20.4249, 18.5041, 30.9289

Deuteranomaly

20.8259, 18.6362, 26.9256

Tritanomaly

22.9226, 18.6041, 21.1217

Monochromacy



Original Color

24.2652, 18.7188, 27.5335

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

20.4765, 19.1915, 23.7442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2652, 18.7188, 27.5335 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(162, 100, 141)` looks like.

```
.text, #text, p{  
    color:rgb(162, 100, 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(162, 100, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 100, 141) }
```

Border

The CSS property to change the border of an element to XYZ 24.2652, 18.7188, 27.5335 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(162, 100, 141) }
```


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

```
.border{ border-color:rgb(162, 100, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 100, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 100, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 100, 141);  
box-shadow:4px 4px 4px 4px rgb(162, 100,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2652, 18.7188, 27.5335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 100, 141) }
```

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

```
.background{ background-color: rgb(162,  
100, 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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