

Converting Colors

XYZ(25.6175, 19.6499, 23.4645)

Have a look what the booklet for
XYZ(25.6175, 19.6499, 23.4645)
contains.

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Color

**XYZ(25.6962, 19.6897,
23.5653)**

Conversions

Conversions Part 1

Format	Color
Hex	AC6582
RGB	172, 101, 130
RGB Percent	67%, 40%, 51%
CMY	0.3255, 0.6039, 0.4902
CMYK	0.00, 0.41, 0.24, 0.33
HSL	335°, 30%, 54%
HSV	335°, 41%, 67%
XYZ	25.6962, 19.6897, 23.5653
YIQ	125.5350, 33.0070, 24.0710

Conversions

Conversions Part 2

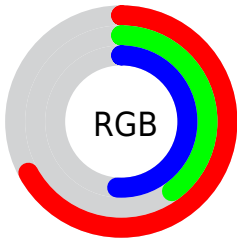
Format	Color
RYB	172, 101, 130
Decimal	11298178
CIELab	51.48, 32.42, -3.73
CIELCh	51, 32.638, 353.444
Yxy	19.6897, 0.3727, 0.2856
Android (android.graphics.Color)	4289488258 (0xFFAC6582)
YUV	125.5350, 2.2012, 40.7498
Hunter-Lab	44.3731, 25.7155, -0.4261

Details

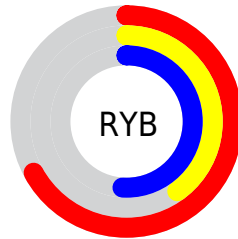
The XYZ color **25.6962, 19.6897, 23.5653** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **25.0781, 34.2554, 31.2784**, and the grayscale version is **19.6590, 20.6828, 22.5235**.

A 20% lighter version of the original color is **52.2516, 42.8594, 50.3185**, and **10.1844, 6.9016, 8.5799** is the 20% darker color. If you saturate the color by 10%, you get **23.5481, 16.4329, 19.6446**, and if you desaturate by 10%, it is **28.2625, 23.6744, 27.9590**.

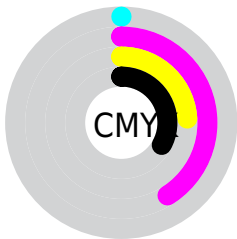
Distribution



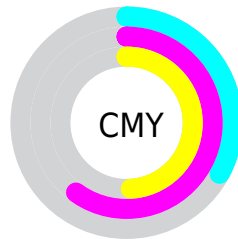
- Red (67%)
- Green (40%)
- Blue (51%)



- Red (67%)
- Yellow (40%)
- Blue (51%)



- Cyan (0%)
- Magenta (41%)
- Yellow (24%)
- Black (33%)





- Cyan (33%)
- Magenta (60%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.6962, 19.6897, 23.5653 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 25.6962, 19.6897, 23.5653 by changing the saturation by 10% instead.


 25.6962, 19.6897,
23.5653


 25.6962, 19.6897,
23.5653


273.5717,
250.2303, 283.8308


 16.7280, 12.1697,
14.8023


 52.2192, 42.8963,
50.2548


 10.1348, 6.8594,
8.5356


 70.5048, 59.3517,
69.0183

 5.5514, 3.3743,
4.3469

 92.6268, 79.5544,
91.9525

 2.6123, 1.3301,
1.8175

 118.9507,
103.8887, 119.4757

 0.9522, 0.1643,
0.4395

149.8417,
132.7390, 152.0066

 0.0000, 0.0000,
0.0000

185.6654,

166.4898, 189.9638

226.7869,
205.5255, 233.7656

■ 25.6962, 19.6897,
23.5653

■ 25.6962, 19.6897,
23.5653

■ 23.5481, 16.4329,
19.6446

■ 28.2625, 23.6744,
27.9590

■ 21.7925, 13.8563,
16.1782

■ 31.2672, 28.4251,
32.8412

■ 20.4036, 11.9113,
13.1476


■ 34.7313, 33.9804,
38.2279


■ 19.3512, 10.5411,
10.5322


■ 38.6737, 40.3758,
44.1340


■ 18.6001, 9.6788,
8.3089


■ 43.1125, 47.6444,
50.5737

 18.1267, 9.2160,
6.6591

 48.0645, 55.8176,
57.5606

 53.5461, 64.9253,
65.1080

 59.5726, 74.9958,
73.2284

 65.9015, 85.5420,
81.8483

Harmonies

Analogous

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



24.2444, 19.6897, 34.0794



25.6962, 19.6897, 23.5653



25.1092, 19.6897, 15.0323

Triad

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



25.6962, 19.6897, 23.5653



16.3185, 19.6897, 8.7812



15.2076, 19.6897, 39.4412

Complementary

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



25.6962, 19.6897, 23.5653



25.0781, 34.2554, 31.2784

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.



13.5096, 19.6897, 29.4472



25.6962, 19.6897, 23.5653



14.0967, 19.6897, 12.3886

Square

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



25.6962, 19.6897, 23.5653



19.4430, 19.6897, 8.0464



13.1279, 19.6897, 19.4441



18.0044, 19.6897, 44.8204

Rectangle

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



25.6962, 19.6897, 23.5653



23.6709, 19.6897, 11.2720



13.1279, 19.6897, 19.4441



14.5033, 19.6897, 36.3913

Sweetspot

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



25.6968, 19.6906, 23.5657



62.3813, 60.6357, 68.3942



23.3278, 18.0747, 41.2891



13.3790, 12.8911, 14.5907



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



25.6968, 19.6906, 23.5657



42.8546, 30.0133, 35.8935



24.6119, 20.2092, 14.9166



8.1358, 8.0676, 9.0257



13.5151, 6.8686, 5.0918



0.4036, 0.2021, 0.2869

Inverse Universe

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



25.6968, 19.6906, 23.5657



42.8546, 30.0133, 35.8935



26.4652, 33.0485, 44.0140



8.1358, 8.0676, 9.0257



13.5151, 6.8686, 5.0918



0.4036, 0.2021, 0.2869

Previews

White Background



This preview shows how the XYZ color 25.6962, 19.6897, 23.5653 looks on a white background.

Color Contrast Check

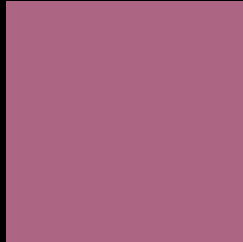
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6962, 19.6897, 23.5653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

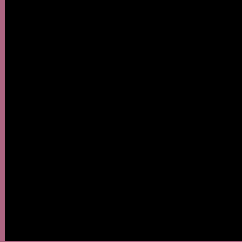
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.6962, 19.6897, 23.5653

Background



This preview shows how black text looks on a background with the XYZ color 25.6962, 19.6897, 23.5653.



This preview shows how white text looks on a background with the XYZ color 25.6962, 19.6897,

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

25.6962, 19.6897, 23.5653

Protanopia

19.5252, 19.8242, 28.7840

Deuteranopia

20.1005, 19.7125, 22.8242



Tritanopia

24.4525, 19.6165, 17.8268

Trichromacy



Original Color

25.6962, 19.6897, 23.5653

Protanomaly

21.0860, 19.2729, 26.6534

Deuteranomaly

21.7231, 19.3499, 23.0120

Tritanomaly

24.9746, 19.6903, 19.9371

Monochromacy



Original Color

25.6962, 19.6897, 23.5653

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.5197, 20.0945, 22.8231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6962, 19.6897, 23.5653 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(172, 101, 130)` looks like.

```
.text, #text, p{  
    color:rgb(172, 101, 130)  
}
```

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(172, 101, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 101, 130) }
```

Border

The CSS property to change the border of an element to XYZ 25.6962, 19.6897, 23.5653 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(172, 101, 130) }
```


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

```
.border{ border-color:rgb(172, 101, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 101, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 101, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 101, 130);  
box-shadow:4px 4px 4px 4px rgb(172, 101,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6962, 19.6897, 23.5653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 101, 130) }
```

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

```
.background{ background-color: rgb(172,  
101, 130) }
```

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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