

Converting Colors

XYZ(24.5661, 21.4353, 23.9660)

Have a look what the booklet for
XYZ(24.5661, 21.4353, 23.9660)
contains.

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Color

**XYZ(24.5727, 21.4734,
23.9688)**

Conversions

Conversions Part 1

Format	Color
Hex	9F7482
RGB	159, 116, 130
RGB Percent	62%, 45%, 51%
CMY	0.3765, 0.5451, 0.4902
CMYK	0.00, 0.27, 0.18, 0.38
HSL	340°, 18%, 54%
HSV	340°, 27%, 62%
XYZ	24.5727, 21.4734, 23.9688
YIQ	130.4530, 21.1340, 13.4700

Conversions

Conversions Part 2

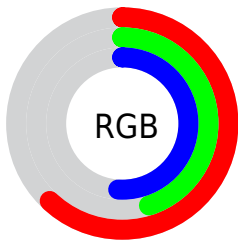
Format	Color
R_{YB}	159, 116, 130
Decimal	10450050
CIE _{Lab}	53.46, 19.11, -1.00
CIE _{LCh}	53, 19.137, 357.018
Y _{xy}	21.4734, 0.3510, 0.3067
Android (android.graphics.Color)	4288640130 (0xFF9F7482)
YUV	130.4530, -0.2233, 25.0357
Hunter-Lab	46.3394, 13.5604, 1.7702

Details

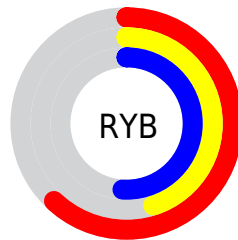
The XYZ color **24.5727, 21.4734, 23.9688** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.7123, 30.5541, 31.3844**, and the grayscale version is **21.3746, 22.4878, 24.4892**.

A 20% lighter version of the original color is **50.2814, 45.7203, 50.9745**, and **9.5558, 7.7342, 8.7738** is the 20% darker color. If you saturate the color by 10%, you get **22.2117, 17.8438, 19.8136**, and if you desaturate by 10%, it is **27.3236, 25.7624, 28.6246**.

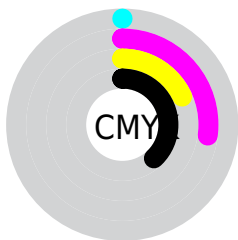
Distribution



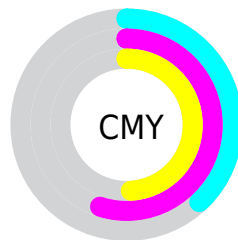
- Red (62%)
- Green (45%)
- Blue (51%)



- Red (62%)
- Yellow (45%)
- Blue (51%)



- Cyan (0%)
- Magenta (27%)
- Yellow (18%)
- Black (38%)



- Cyan (38%)
- Magenta (55%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5727, 21.4734, 23.9688 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 24.5727, 21.4734, 23.9688 by changing the saturation by 10% instead.

■ 24.5727, 21.4734,
23.9688

■ 24.5727, 21.4734,
23.9688

268.0903,
259.7838, 285.9442

■ 15.8860, 13.4705,
15.0985

■ 50.4111, 45.8741,
50.9225

■ 9.5339, 7.7533,
8.7411

■ 68.2935, 63.0406,
69.8429

■ 5.1509, 3.9375,
4.4782

■ 89.9718, 84.0305,
92.9505

■ 2.3717, 1.6387,
1.8912

■ 115.8115,
109.2281, 120.6637

■ 0.8310, 0.3835,
0.4871

146.1778,
139.0179, 153.4012

■ 0.0000, 0.0000,
0.0000

181.4361,

173.7841, 191.5814

221.9518,
213.9113, 235.6229

■ 24.5727, 21.4734,
23.9688

■ 24.5727, 21.4734,
23.9688

■ 22.2117, 17.8438,
19.8136

■ 27.3236, 25.7624,
28.6246

■ 20.2206, 14.8378,
16.1404

■ 30.4798, 30.7383,
33.7963

■ 18.5802, 12.4207,
12.9312

■ 34.0576, 36.4309,
39.4998

■ 17.2688, 10.5530,
10.1661

■ 38.0724, 42.8670,
45.7503

■ 16.2622, 9.1905,
7.8240

■ 42.5384, 50.0723,
52.5621

■ 15.5324, 8.2822,
5.8814

■ 47.4693, 58.0711,
59.9491

■ 15.0372, 7.7483,
4.3091

■ 52.8782, 66.8868,
67.9245

■ 14.9126, 7.6167,
3.9048

■ 58.7777, 76.5416,
76.5013

■ 63.8566, 84.4103,
85.2509

Harmonies

Analogous

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



23.8717, 21.4734, 30.0282



24.5727, 21.4734, 23.9688



24.0984, 21.4734, 18.6502

Triad

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



24.5727, 21.4734, 23.9688



18.6832, 21.4734, 14.7501



18.3527, 21.4734, 34.0988

Complementary

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



24.5727, 21.4734, 23.9688



24.7123, 30.5541, 31.3844

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.



17.1182, 21.4734, 28.8507



24.5727, 21.4734, 23.9688



17.2999, 21.4734, 17.7950

Square

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



24.5727, 21.4734, 23.9688



20.6141, 21.4734, 13.8793



16.7458, 21.4734, 22.8027



20.2069, 21.4734, 36.4544

Rectangle

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



24.5727, 21.4734, 23.9688



23.1958, 21.4734, 16.1027



16.7458, 21.4734, 22.8027



17.8563, 21.4734, 32.5759

Sweetspot

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



24.5733, 21.4744, 23.9692



53.9219, 53.9973, 59.4508



24.1225, 20.9846, 35.5800



11.9651, 11.8708, 13.0922



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.



24.5733, 21.4744, 23.9692



41.5701, 34.6974, 38.6751



24.5548, 22.8401, 19.6386



6.7176, 6.6800, 7.3642



11.7959, 6.0229, 3.1762



0.2292, 0.1150, 0.1531

Inverse Universe

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



24.5733, 21.4744, 23.9692



41.5701, 34.6974, 38.6751



24.6624, 28.6192, 37.0252



6.7176, 6.6800, 7.3642



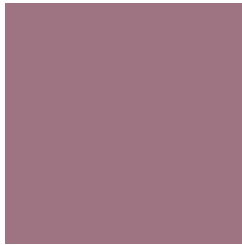
11.7959, 6.0229, 3.1762



0.2292, 0.1150, 0.1531

Previews

White Background



This preview shows how the XYZ color 24.5727, 21.4734, 23.9688 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 24.5727, 21.4734, 23.9688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

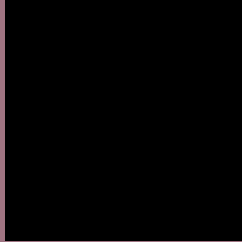
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.5727, 21.4734, 23.9688

Background



This preview shows how black text looks on a background with the XYZ color 24.5727, 21.4734, 23.9688.



This preview shows how white text looks on a background with the XYZ color 24.5727, 21.4734,

23.9688.

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

24.5727, 21.4734, 23.9688

Protanopia

21.0068, 21.5741, 26.7239

Deuteranopia

21.9853, 21.5757, 23.7747



Tritanopia

24.2277, 21.4980, 22.6113

Trichromacy



Original Color

24.5727, 21.4734, 23.9688

Protanomaly

22.0335, 21.3761, 25.5190

Deuteranomaly

22.8324, 21.4628, 23.7082

Tritanomaly

24.2926, 21.5240, 22.9529

Monochromacy



Original Color

24.5727, 21.4734, 23.9688

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.3474, 21.9417, 24.1764

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5727, 21.4734, 23.9688 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(159, 116, 130)` looks like.

```
.text, #text, p{  
    color:rgb(159, 116, 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(159, 116, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 116, 130) }
```

Border

The CSS property to change the border of an element to XYZ 24.5727, 21.4734, 23.9688 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(159, 116, 130) }
```


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

```
.border{ border-color:rgb(159, 116, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 116, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 116, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 116, 130);  
box-shadow:4px 4px 4px 4px rgb(159, 116,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5727, 21.4734, 23.9688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 116, 130) }
```

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

```
.background{ background-color: rgb(159,  
116, 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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