

Converting Colors

XYZ(21.2577, 26.5973, 25.2484)

Have a look what the booklet for
XYZ(21.2577, 26.5973, 25.2484)
contains.

XYZ(21.2423, 26.6756, 25.1484)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(21.2423, 26.6756,
25.1484)**

Conversions

Conversions Part 1

Format	Color
Hex	6D9682
RGB	109, 150, 130
RGB Percent	43%, 59%, 51%
CMY	0.5725, 0.4118, 0.4902
CMYK	0.27, 0.00, 0.13, 0.41
HSL	151°, 16%, 51%
HSV	151°, 27%, 59%
XYZ	21.2423, 26.6756, 25.1484
YIQ	135.4610, -18.0160, -14.9120

Conversions

Conversions Part 2

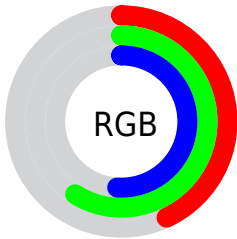
Format	Color
R_{YB}	109, 136, 150
Decimal	7181954
CIE _{Lab}	58.67, -18.44, 6.04
CIE _{LCh}	59, 19.399, 161.871
Yxy	26.6756, 0.2907, 0.3651
Android (android.graphics.Color)	4285372034 (0xFF6D9682)
YUV	135.4610, -2.6923, -23.2063
Hunter-Lab	51.6484, -16.9701, 7.2847

Details

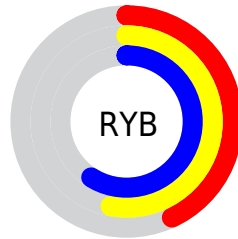
The XYZ color **21.2423, 26.6756, 25.1484** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.0097, 19.0070, 23.2787**, and the grayscale version is **23.2156, 24.4246, 26.5984**.

A 20% lighter version of the original color is **44.8381, 54.1817, 52.8946**, and **7.8105, 10.4784, 9.3955** is the 20% darker color. If you saturate the color by 10%, you get **19.0784, 25.6156, 22.5740**, and if you desaturate by 10%, it is **23.7575, 27.9142, 27.9228**.

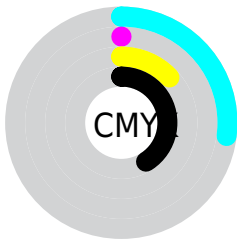
Distribution



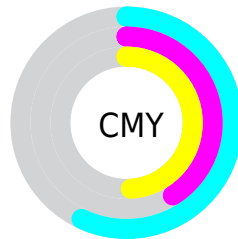
- Red (43%)
- Green (59%)
- Blue (51%)



- Red (43%)
- Yellow (53%)
- Blue (59%)



- Cyan (27%)
- Magenta (0%)
- Yellow (13%)
- Black (41%)



- Cyan (57%)
- Magenta (41%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.2423, 26.6756, 25.1484 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 21.2423, 26.6756, 25.1484 by changing the saturation by 10% instead.

■ 21.2423, 26.6756,
25.1484

■ 21.2423, 26.6756,
25.1484

251.2708,
286.0830, 292.0475

■ 13.4147, 17.3297,
15.9676

■ 44.9787, 54.3629,
52.8650

■ 7.7937, 10.4699,
9.3471

■ 61.6182, 73.4731,
72.2379

■ 4.0139, 5.7116,
4.8684

■ 81.9257, 96.6068,
95.8452

■ 1.7100, 2.6705,
2.1129

■ 106.2666,
124.1486, 124.1055

■ 0.4625, 0.9622,
0.6234

135.0062,
156.4826, 157.4373

■ 0.0000, 0.0000,
0.0000

168.5098,

193.9935, 196.2593

207.1429,
237.0655, 240.9898

■ 21.2423, 26.6756,
25.1484

■ 21.2423, 26.6756,
25.1484

■ 19.0784, 25.6156,
22.5740

■ 23.7575, 27.9142,
27.9228

■ 17.2470, 24.7222,
20.1931

■ 26.6375, 29.3359,
30.8998

■ 15.7306, 23.9874,
18.0018

■ 29.8975, 30.9494,
34.0841

■ 14.5093, 23.4009,
15.9950

■ 33.5512, 32.7616,
37.4799

■ 13.5607, 22.9514,
14.1674

■ 37.6119, 34.7792,
41.0912

■ 12.8589, 22.6255,
12.5137

■ 42.0918, 37.0086,
44.9218

■ 12.3601, 22.4008,
11.0271

■ 47.0030, 39.4558,
48.9754

■ 12.2403, 22.3470,
10.6574

■ 52.3569, 42.1266,
53.2557

■ 58.1644, 45.0267,
57.7664

Harmonies

Analogous

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



22.4159, 26.6756, 20.3243



21.2423, 26.6756, 25.1484



21.1274, 26.6756, 31.8306

Triad

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



21.2423, 26.6756, 25.1484



26.3092, 26.6756, 43.8816



28.9237, 26.6756, 21.1337

Complementary

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



21.2423, 26.6756, 25.1484



22.0097, 19.0070, 23.2787

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.



30.1106, 26.6756, 26.4272



21.2423, 26.6756, 25.1484



28.5390, 26.6756, 39.9601

Square

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



21.2423, 26.6756, 25.1484



23.9545, 26.6756, 43.3950



29.9655, 26.6756, 33.3251



26.8078, 26.6756, 18.2690

Rectangle

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



21.2423, 26.6756, 25.1484



21.6570, 26.6756, 36.5438



29.9655, 26.6756, 33.3251



29.4503, 26.6756, 22.6496

Sweetspot

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



21.2430, 26.6767, 25.1490



46.5635, 51.5499, 54.0823



22.7970, 27.6244, 18.5989



10.1549, 11.3430, 11.8191



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



21.2430, 26.6767, 25.1490



35.0048, 45.8583, 41.4699



22.7190, 27.2671, 32.9211



5.8461, 6.5150, 6.8006



10.1677, 18.5399, 8.9244



0.1393, 0.2329, 0.1876

Inverse Universe

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



22.0097, 19.0070, 23.2787



36.5960, 29.9420, 37.5895



20.8074, 18.5261, 16.9477



5.9116, 5.8597, 6.6407



11.4500, 5.7851, 5.8508



0.1549, 0.0767, 0.1495

Previews

White Background



This preview shows how the XYZ color 21.2423, 26.6756, 25.1484 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 21.2423, 26.6756, 25.1484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

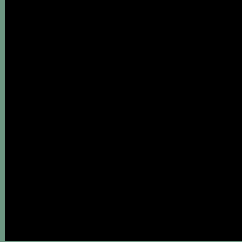
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.2423, 26.6756, 25.1484

Background



This preview shows how black text looks on a background with the XYZ color 21.2423, 26.6756, 25.1484.

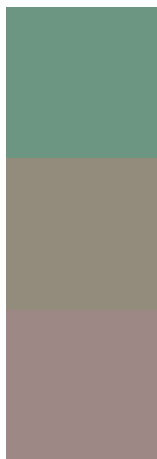


This preview shows how white text looks on a background with the XYZ color 21.2423, 26.6756,

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

21.2423, 26.6756, 25.1484

Protanopia

25.1124, 26.4399, 23.1819

Deuteranopia

26.9424, 26.4699, 25.8795



Tritanopia

23.5207, 26.6712, 36.2561

Trichromacy



Original Color

21.2423, 26.6756, 25.1484

Protanomaly

23.4769, 26.4654, 23.9496

Deuteranomaly

24.5050, 26.2911, 25.6129

Tritanomaly

22.5891, 26.5163, 31.9446

Monochromacy



Original Color

21.2423, 26.6756, 25.1484

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.2159, 24.8852, 25.8227

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2423, 26.6756, 25.1484 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(109, 150, 130)` looks like.

```
.text, #text, p{  
    color:rgb(109, 150, 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(109, 150, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 150, 130) }
```

Border

The CSS property to change the border of an element to XYZ 21.2423, 26.6756, 25.1484 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(109, 150, 130) }
```


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

```
.border{ border-color:rgb(109, 150, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 150, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 150, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 150, 130);  
box-shadow:4px 4px 4px 4px rgb(109, 150,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2423, 26.6756, 25.1484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 150, 130) }
```

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

```
.background{ background-color: rgb(109,  
150, 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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