

Converting Colors

XYZ(23.9984, 26.1684, 18.5530)

Have a look what the booklet for
XYZ(23.9984, 26.1684, 18.5530)
contains.

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Color

**XYZ(24.0164, 26.1953,
18.5422)**

Conversions

Conversions Part 1

Format	Color
Hex	918D6E
RGB	145, 141, 110
RGB Percent	57%, 55%, 43%
CMY	0.4314, 0.4470, 0.5686
CMYK	0.00, 0.03, 0.24, 0.43
HSL	53°, 14%, 50%
HSV	53°, 24%, 57%
XYZ	24.0164, 26.1953, 18.5422
YIQ	138.6620, 12.3350, -8.7930

Conversions

Conversions Part 2

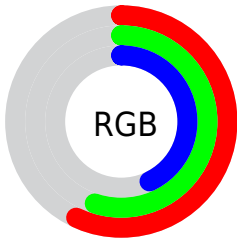
Format	Color
R_{YB}	115, 145, 110
Decimal	9538926
CIE _{Lab}	58.22, -3.82, 17.11
CIE _{LCh}	58, 17.533, 102.587
Yxy	26.1953, 0.3493, 0.3810
Android (android.graphics.Color)	4287729006 (0xFF918D6E)
YUV	138.6620, -14.1304, 5.5584
Hunter-Lab	51.1813, -5.8078, 14.3471

Details

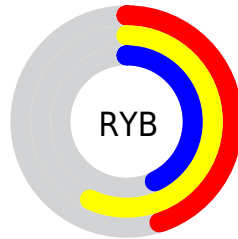
The XYZ color **24.0164, 26.1953, 18.5422** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.5584, 17.3935, 29.2200**, and the grayscale version is **24.4605, 25.7343, 28.0247**.

A 20% lighter version of the original color is **49.5899, 53.7810, 41.9495**, and **9.2267, 10.2097, 6.0418** is the 20% darker color. If you saturate the color by 10%, you get **23.0486, 25.4214, 14.6383**, and if you desaturate by 10%, it is **25.1184, 27.0306, 23.1289**.

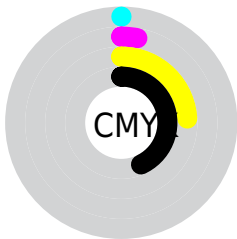
Distribution



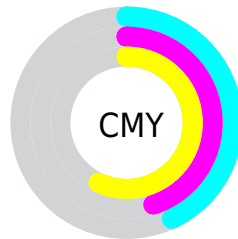
- Red (57%)
- Green (55%)
- Blue (43%)



- Red (45%)
- Yellow (57%)
- Blue (43%)



- Cyan (0%)
- Magenta (3%)
- Yellow (24%)
- Black (43%)



- Cyan (43%)
- Magenta (45%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0164, 26.1953, 18.5422 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 24.0164, 26.1953, 18.5422 by changing the saturation by 10% instead.

■ 24.0164, 26.1953,
18.5422

■ 24.0164, 26.1953,
18.5422

265.3423,
283.7395, 256.2476

■ 15.4706, 16.9698,
11.1665

■ 49.5114, 53.5898,
41.7854

■ 9.2388, 10.2130,
6.0634

■ 67.1914, 72.5277,
58.4900

■ 4.9556, 5.5404,
2.8142

■ 88.6467, 95.4718,
79.1413

■ 2.2557, 2.5677,
1.0006

■ 114.2429,
122.8065, 104.1579

■ 0.7719, 0.9104,
0.0000

144.3452,
154.9162, 133.9583

■ 0.0000, 0.0000,
0.0000

179.3189,

192.1853, 168.9610

219.5295,
234.9983, 209.5846

■ 24.0164, 26.1953,
18.5422

■ 24.0164, 26.1953,
18.5422

■ 23.0486, 25.4214,
14.6383

■ 25.1184, 27.0306,
23.1289

■ 22.2068, 24.7027,
11.3825

■ 26.3585, 27.9260,
28.4276

■ 21.4847, 24.0377,
8.7394

■ 27.7428, 28.8851,
34.4677

■ 20.8748, 23.4234,
6.6699

■ 29.2765, 29.9098,
41.2765

■ 20.3689, 22.8565,
5.1300

■ 30.9647, 31.0023,
48.8801

■ 19.9574, 22.3330,
4.0695

■ 32.8119, 32.1643,
57.3030

■ 19.6286, 21.8482,
3.4267

■ 34.8228, 33.3978,
66.5691

■ 19.4542, 21.5740,
3.1389

■ 37.0016, 34.7045,
76.7009

■ 39.3524, 36.0860,
87.7203

Harmonies

Analogous

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



26.1431, 26.1953, 18.7346



24.0164, 26.1953, 18.5422



22.2292, 26.1953, 20.7321

Triad

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



24.0164, 26.1953, 18.5422



22.0039, 26.1953, 37.2139



29.0116, 26.1953, 32.1764

Complementary

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



24.0164, 26.1953, 18.5422



17.5584, 17.3935, 29.2200

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.



27.7720, 26.1953, 38.0537



24.0164, 26.1953, 18.5422



23.6928, 26.1953, 41.2347

Square

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



24.0164, 26.1953, 18.5422



21.1126, 26.1953, 31.1541



25.8006, 26.1953, 41.5622



29.1105, 26.1953, 26.0430

Rectangle

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



24.0164, 26.1953, 18.5422



21.4379, 26.1953, 23.4580



25.8006, 26.1953, 41.5622



28.7114, 26.1953, 34.2674

Sweetspot

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



24.0171, 26.1965, 18.5428



46.5091, 49.5170, 47.9172



20.2952, 18.3887, 18.4245



10.3216, 10.9978, 10.5532



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



24.0171, 26.1965, 18.5428



42.0339, 46.1422, 29.2368



22.3907, 26.2487, 18.6386



5.7877, 6.1817, 5.7775



16.6984, 18.5285, 2.6963



0.1693, 0.1965, 0.0290

Inverse Universe

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



17.5584, 17.3935, 29.2200



28.3917, 27.5497, 51.7948



18.9151, 17.4382, 29.1572



5.1761, 5.3481, 6.7882



4.5607, 2.1075, 23.1435



0.0514, 0.0357, 0.2239

Previews

White Background



This preview shows how the XYZ color 24.0164, 26.1953, 18.5422 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 24.0164, 26.1953, 18.5422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

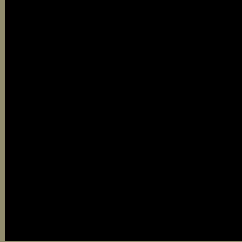
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

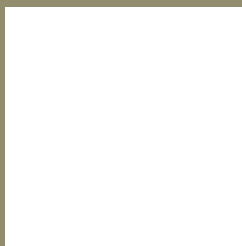
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.0164, 26.1953, 18.5422

Background



This preview shows how black text looks on a background with the XYZ color 24.0164, 26.1953, 18.5422.



This preview shows how white text looks on a background with the XYZ color 24.0164, 26.1953,

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

24.0164, 26.1953, 18.5422

Protanopia

24.5328, 26.2499, 18.2417

Deuteranopia

26.4986, 25.9844, 18.6578



Tritanopia

26.6483, 26.1989, 31.2561

Trichromacy



Original Color

24.0164, 26.1953, 18.5422

Protanomaly

24.3511, 26.1562, 18.2332

Deuteranomaly

25.5252, 26.1069, 18.7327

Tritanomaly

25.6043, 26.1941, 26.2607

Monochromacy



Original Color

24.0164, 26.1953, 18.5422

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.2589, 25.9774, 24.1576

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0164, 26.1953, 18.5422 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(145, 141, 110)` looks like.

```
.text, #text, p{  
    color:rgb(145, 141, 110)  
}
```

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(145, 141, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 141, 110) }
```

Border

The CSS property to change the border of an element to XYZ 24.0164, 26.1953, 18.5422 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(145, 141, 110) }
```


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

```
.border{ border-color:rgb(145, 141, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 141, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 141, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 141, 110);  
box-shadow:4px 4px 4px 4px rgb(145, 141,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0164, 26.1953, 18.5422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 141, 110) }
```

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

```
.background{ background-color: rgb(145,  
141, 110) }
```

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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