

Converting Colors

XYZ(26.1576, 30.0463, 20.6797)

Have a look what the booklet for
XYZ(26.1576, 30.0463, 20.6797)
contains.

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Color

**XYZ(26.1628, 30.0400,
20.6390)**

Conversions

Conversions Part 1

Format	Color
Hex	919973
RGB	145, 153, 115
RGB Percent	57%, 60%, 45%
CMY	0.4314, 0.4000, 0.5490
CMYK	0.05, 0.00, 0.25, 0.40
HSL	73°, 16%, 53%
HSV	73°, 25%, 60%
XYZ	26.1628, 30.0400, 20.6390
YIQ	146.2760, 7.4300, -13.5140

Conversions

Conversions Part 2

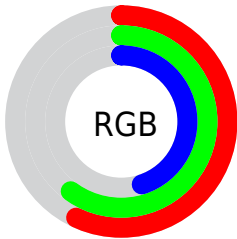
Format	Color
RYB	115, 153, 123
Decimal	9542003
CIELab	61.69, -9.61, 19.06
CIELCh	62, 21.346, 116.769
Yxy	30.0400, 0.3405, 0.3909
Android (android.graphics.Color)	4287732083 (0xFF919973)
YUV	146.2760, -15.4191, -1.1191
Hunter-Lab	54.8088, -10.7089, 16.0397

Details

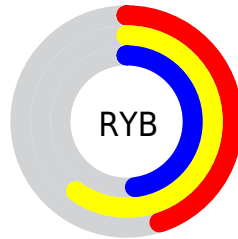
The XYZ color **26.1628, 30.0400, 20.6390** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.0500, 18.7731, 32.7055**, and the grayscale version is **27.4947, 28.9266, 31.5010**.

A 20% lighter version of the original color is **52.8411, 59.5578, 45.2700**, and **10.3806, 12.2877, 7.1348** is the 20% darker color. If you saturate the color by 10%, you get **24.7950, 29.4292, 16.3544**, and if you desaturate by 10%, it is **27.6945, 30.7202, 25.6954**.

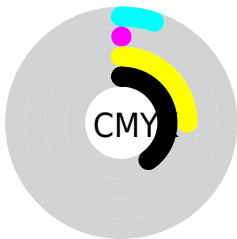
Distribution



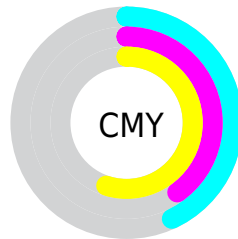
- Red (57%)
- Green (60%)
- Blue (45%)



- Red (45%)
- Yellow (60%)
- Blue (48%)



- Cyan (5%)
- Magenta (0%)
- Yellow (25%)
- Black (40%)



- Cyan (43%)
- Magenta (40%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1628, 30.0400, 20.6390 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 26.1628, 30.0400, 20.6390 by changing the saturation by 10% instead.

■ 26.1628, 30.0400,
20.6390

■ 26.1628, 30.0400,
20.6390

275.8224,
302.0909, 268.0714

■ 17.0788, 19.8690,
12.6717

■ 52.9669, 59.7254,
45.3589

■ 10.3863, 12.2998,
7.0748

■ 71.4177, 80.0086,
62.9486

■ 5.7201, 6.9482,
3.4298

■ 93.7215, 104.4313,
84.5829

■ 2.7147, 3.4297,
1.3181

120.2436,
133.3778, 110.6802

■ 1.0047, 1.3600,
0.0765

151.3494,
167.2327, 141.6592

■ 0.0000, 0.1870,
0.0000

187.4042,

■ 0.0000, 0.0000,

206.3802, 177.9384

0.0000

228.7734,
251.2048, 219.9363

■ 26.1628, 30.0400,
20.6390

■ 26.1628, 30.0400,
20.6390

■ 24.7950, 29.4292,
16.3544

■ 27.6945, 30.7202,
25.6954

■ 23.5813, 28.8809,
12.8017

■ 29.3945, 31.4686,
31.5569

■ 22.5146, 28.3932,
9.9403

■ 31.2701, 32.2892,
38.2575

■ 21.5862, 27.9627,
7.7251

■ 33.3272, 33.1842,
45.8283

■ 20.7863, 27.5853,
6.1052

■ 35.5718, 34.1562,
54.2990

■ 20.1037, 27.2567,
5.0226

■ 38.0092, 35.2072,
63.6980

■ 19.5243, 26.9711,
4.4037

■ 40.6447, 36.3394,
74.0523

■ 19.2464, 26.8329,
4.1649

■ 43.4835, 37.5549,
85.3878

■ 46.5302, 38.8555,
97.7295

Harmonies

Analogous

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



28.8610, 30.0400, 19.4481



26.1628, 30.0400, 20.6390



24.2240, 30.0400, 24.8654

Triad

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



26.1628, 30.0400, 20.6390



25.6631, 30.0400, 47.6100



34.3580, 30.0400, 33.5978

Complementary

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



26.1628, 30.0400, 20.6390



20.0500, 18.7731, 32.7055

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.



33.3673, 30.0400, 42.0484



26.1628, 30.0400, 20.6390



28.2455, 30.0400, 50.9372

Square

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



26.1628, 30.0400, 20.6390



23.9493, 30.0400, 40.2692



31.0827, 30.0400, 48.7510



33.7099, 30.0400, 26.1588

Rectangle

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



26.1628, 30.0400, 20.6390



23.5598, 30.0400, 29.2583



31.0827, 30.0400, 48.7510



34.2041, 30.0400, 36.4197

Sweetspot

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



26.1636, 30.0413, 20.6396



51.9115, 56.0341, 53.9658



23.2658, 22.0778, 19.2553



11.4270, 12.3572, 11.7925



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



26.1636, 30.0413, 20.6396



45.4083, 53.1526, 32.3805



23.1500, 28.4878, 20.4986



6.5815, 7.1572, 6.6404



15.9342, 22.1903, 3.4433



0.2667, 0.3464, 0.0528

Inverse Universe

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



20.0500, 18.7731, 32.7055



32.4740, 29.3066, 57.9171



22.9683, 20.2775, 32.8420



6.0000, 6.0859, 7.7874



5.2741, 2.1699, 25.0486



0.1047, 0.0457, 0.3757

Previews

White Background



This preview shows how the XYZ color 26.1628, 30.0400, 20.6390 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 26.1628, 30.0400, 20.6390 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 ✓ Pass

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

XYZ 26.1628, 30.0400, 20.6390

Background



This preview shows how black text looks on a background with the XYZ color 26.1628, 30.0400, 20.6390.



This preview shows how white text looks on a background with the XYZ color 26.1628, 30.0400,

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

26.1628, 30.0400, 20.6390

Protanopia

28.0262, 30.0581, 19.9474

Deuteranopia

30.4889, 29.9279, 20.9994



Tritanopia

29.4542, 29.9499, 37.0294

Trichromacy



Original Color

26.1628, 30.0400, 20.6390

Protanomaly

27.2700, 29.8976, 20.2531

Deuteranomaly

28.6904, 29.9149, 20.7850

Tritanomaly

28.0998, 29.8676, 30.2706

Monochromacy



Original Color

26.1628, 30.0400, 20.6390

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.9747, 29.3552, 27.1661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1628, 30.0400, 20.6390 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, 153, 115)` looks like.

```
.text, #text, p{  
    color:rgb(145, 153, 115)  
}
```

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, 153, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 153, 115) }
```

Border

The CSS property to change the border of an element to XYZ 26.1628, 30.0400, 20.6390 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, 153, 115) }
```


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

```
.border{ border-color:rgb(145, 153, 115) }
```

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

Here you see how a box with a 4 pixel rgb(145, 153, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 153, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 153, 115);  
box-shadow:4px 4px 4px 4px rgb(145, 153,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1628, 30.0400, 20.6390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 153, 115) }
```

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

```
.background{ background-color: rgb(145,  
153, 115) }
```

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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