

Converting Colors

XYZ(26.0556, 30.0427, 13.5187)

Have a look what the booklet for
XYZ(26.0556, 30.0427, 13.5187)
contains.

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Color

**XYZ(26.0604, 30.1460,
13.4621)**

Conversions

Conversions Part 1

Format	Color
Hex	989957
RGB	152, 153, 87
RGB Percent	60%, 60%, 34%
CMY	0.4039, 0.4000, 0.6588
CMYK	0.01, 0.00, 0.43, 0.40
HSL	61°, 28%, 47%
HSV	61°, 43%, 60%
XYZ	26.0604, 30.1460, 13.4621
YIQ	145.1770, 20.5900, -20.7380

Conversions

Conversions Part 2

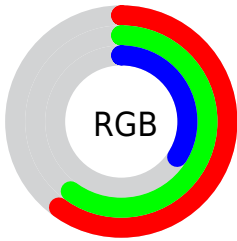
Format	Color
RYB	87, 153, 88
Decimal	10000727
CIELab	61.78, -10.43, 34.47
CIElCh	62, 36.012, 106.840
Yxy	30.1460, 0.3741, 0.4327
Android (android.graphics.Color)	4288190807 (0xFF989957)
YUV	145.1770, -28.6813, 5.9838
Hunter-Lab	54.9054, -11.3608, 23.8966

Details

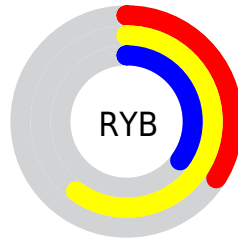
The XYZ color **26.0604, 30.1460, 13.4621** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.1836, 11.1918, 31.6042**, and the grayscale version is **27.0934, 28.5044, 31.0413**.

A 20% lighter version of the original color is **52.6324, 59.7260, 32.7990**, and **10.2632, 12.3019, 3.7530** is the 20% darker color. If you saturate the color by 10%, you get **25.4572, 29.9008, 10.5097**, and if you desaturate by 10%, it is **26.7977, 30.4470, 17.1137**.

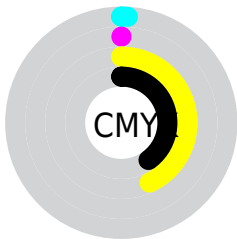
Distribution



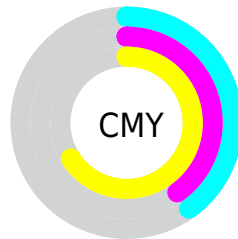
- Red (60%)
- Green (60%)
- Blue (34%)



- Red (34%)
- Yellow (60%)
- Blue (35%)



- Cyan (1%)
- Magenta (0%)
- Yellow (43%)
- Black (40%)



- Cyan (40%)
- Magenta (40%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0604, 30.1460, 13.4621 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 26.0604, 30.1460, 13.4621 by changing the saturation by 10% instead.

■ 26.0604, 30.1460,
13.4621

■ 26.0604, 30.1460,
13.4621

275.3297,
302.5844, 225.1692

■ 17.0017, 19.9494,
7.6131

■ 52.8030, 59.8930,
32.8348

■ 10.3311, 12.3583,
3.7642

■ 71.2176, 80.2122,
47.1955

■ 5.6829, 6.9882,
1.4969

■ 93.4816, 104.6744,
65.2305

■ 2.6921, 3.4547,
0.2156

■ 119.9604,
133.6640, 87.3584

■ 0.9931, 1.3735,
0.0000

■ 151.0192,
167.5655, 113.9977

■ 0.0000, 0.1971,
0.0000

187.0234,

■ 0.0000, 0.0000,

206.7631, 145.5669

0.0000

228.3385,
251.6412, 182.4845

■ 26.0604, 30.1460,
13.4621

■ 26.0604, 30.1460,
13.4621

■ 25.4572, 29.9008,
10.5097

■ 26.7977, 30.4470,
17.1137

■ 24.9774, 29.7038,
8.2100

■ 27.6746, 30.8028,
21.5030

■ 24.6124, 29.5528,
6.5141

■ 28.6989, 31.2176,
26.6683

■ 24.3513, 29.4434,
5.3653

■ 29.8773, 31.6940,
32.6445

■ 24.1814, 29.3704,
4.6962

■ 31.2159, 32.2346,
39.4643

■ 24.0943, 29.3321,
4.3918

■ 32.7208, 32.8416,
47.1588

■ 34.3974, 33.5174,
55.7574

■ 36.2511, 34.2640,
65.2881

■ 38.2871, 35.0835,
75.7778

Harmonies

Analogous

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



30.8069, 30.1460, 13.2210



26.0604, 30.1460, 13.4621



22.4316, 30.1460, 17.8546

Triad

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



26.0604, 30.1460, 13.4621



22.7896, 30.1460, 56.1380



38.6169, 30.1460, 39.2201

Complementary

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



26.0604, 30.1460, 13.4621



13.1836, 11.1918, 31.6042

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.



35.9296, 30.1460, 54.4386



26.0604, 30.1460, 13.4621



26.6016, 30.1460, 65.8929

Square

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



26.0604, 30.1460, 13.4621



20.6929, 30.1460, 41.0958



31.4118, 30.1460, 65.1960



38.4300, 30.1460, 25.7438

Rectangle

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



26.0604, 30.1460, 13.4621



20.9745, 30.1460, 23.4833



31.4118, 30.1460, 65.1960



38.0080, 30.1460, 44.3614

Sweetspot

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



26.0611, 30.1474, 13.4627



51.3698, 55.8943, 47.6382



18.2664, 14.2776, 10.8104



11.2551, 12.3064, 10.0751



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.



26.0611, 30.1474, 13.4627



45.5989, 53.5500, 18.8722



20.8585, 27.4653, 13.2192



6.6996, 7.2181, 6.6460



19.9150, 24.2424, 3.6296



0.3003, 0.3637, 0.0544

Inverse Universe

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



13.1836, 11.1918, 31.6042



19.3667, 14.9325, 55.8335



16.9047, 13.1101, 31.7784



5.8927, 6.0306, 7.7824



4.7788, 1.9146, 25.0254



0.0735, 0.0297, 0.3742

Previews

White Background



This preview shows how the XYZ color 26.0604, 30.1460, 13.4621 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 26.0604, 30.1460, 13.4621 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 26.0604, 30.1460, 13.4621

Background



This preview shows how black text looks on a background with the XYZ color 26.0604, 30.1460, 13.4621.



This preview shows how white text looks on a background with the XYZ color 26.0604, 30.1460,

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

26.0604, 30.1460, 13.4621

Protanopia

27.7370, 30.0593, 13.1442

Deuteranopia

30.5322, 29.8910, 13.6115



Tritanopia

30.6234, 30.1247, 35.6531

Trichromacy



Original Color

26.0604, 30.1460, 13.4621

Protanomaly

27.0833, 29.9582, 13.1592

Deuteranomaly

28.6179, 29.8084, 13.4778

Tritanomaly

28.5913, 29.9866, 25.7538

Monochromacy



Original Color

26.0604, 30.1460, 13.4621

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.4407, 28.9309, 23.2594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0604, 30.1460, 13.4621 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(152, 153, 87)` looks like.

```
.text, #text, p{  
    color:rgb(152, 153, 87)  
}
```

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(152, 153, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 153, 87) }
```

Border

The CSS property to change the border of an element to XYZ 26.0604, 30.1460, 13.4621 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(152, 153, 87) }
```


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

```
.border{ border-color:rgb(152, 153, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 153, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 153, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 153, 87);  
box-shadow:4px 4px 4px 4px rgb(152, 153,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0604, 30.1460, 13.4621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 153, 87) }
```

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

```
.background{ background-color: rgb(152,  
153, 87) }
```

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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