

Converting Colors

XYZ(26.6895, 24.5839, 6.1348)

Have a look what the booklet for
XYZ(26.6895, 24.5839, 6.1348)
contains.

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Color

**XYZ(26.6895, 24.5839,
6.1348)**

Conversions

Conversions Part 1

Format	Color
Hex	B47D30
RGB	180, 125, 48
RGB Percent	71%, 49%, 19%
CMY	0.2941, 0.5098, 0.8118
CMYK	0.00, 0.31, 0.73, 0.29
HSL	35°, 58%, 45%
HSV	35°, 73%, 71%
XYZ	26.6895, 24.5839, 6.1348
YIQ	132.6670, 57.4970, -12.2870

Conversions

Conversions Part 2

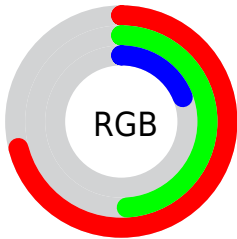
Format	Color
R _Y B	142, 180, 48
Decimal	11828528
CIE Lab	56.67, 14.20, 48.62
CIE LCh	57, 50.646, 73.722
Yxy	24.5839, 0.4649, 0.4282
Android (android.graphics.Color)	4290018608 (0xFFB47D30)
YUV	132.6670, -41.7408, 41.5110
Hunter-Lab	49.5822, 9.3157, 27.3716

Details

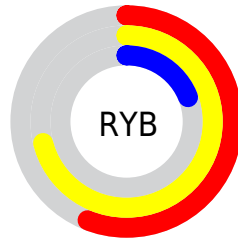
The XYZ color **26.6895, 24.5839, 6.1348** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **14.3072, 13.6236, 45.0553**, and the grayscale version is **22.3061, 23.4677, 25.5563**.

A 20% lighter version of the original color is **53.7691, 51.0924, 18.8323**, and **10.7528, 9.3798, 1.2438** is the 20% darker color. If you saturate the color by 10%, you get **25.4770, 22.6377, 4.2552**, and if you desaturate by 10%, it is **28.1255, 26.7363, 8.8329**.

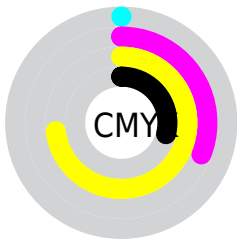
Distribution



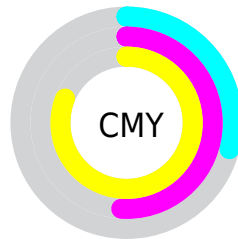
- Red (71%)
- Green (49%)
- Blue (19%)



- Red (56%)
- Yellow (71%)
- Blue (19%)



- Cyan (0%)
- Magenta (31%)
- Yellow (73%)
- Black (29%)



- Cyan (29%)
- Magenta (51%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6895, 24.5839, 6.1348 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 26.6895, 24.5839, 6.1348 by changing the saturation by 10% instead.

■ 26.6895, 24.5839,
6.1348

■ 26.6895, 24.5839,
6.1348

278.3456,
275.7593, 169.6159

■ 17.4755, 15.7673,
2.8571

■ 53.8086, 50.9814,
18.6925

■ 10.6715, 9.3597,
1.0221

■ 72.4445, 69.3311,
28.8096

■ 5.9121, 4.9765,
0.0000

■ 94.9517, 91.6272,
42.0436

■ 2.8318, 2.2335,
0.0000

■ 121.6957,
118.2543, 58.8131

■ 1.0655, 0.7382,
0.0000

■ 153.0417,
149.5967, 79.5365

■ 0.0000, 0.0000,
0.0000

■ 189.3551,

186.0387, 104.6324

231.0013,
227.9648, 134.5194

■ 26.6895, 24.5839,
6.1348

■ 26.6895, 24.5839,
6.1348

■ 25.4770, 22.6377,
4.2552

■ 28.1255, 26.7363,
8.8329

■ 24.4652, 20.8830,
3.0893

■ 29.8012, 29.1006,
12.4343

■ 23.8744, 19.8075,
2.5649

■ 31.7328, 31.6869,
17.0147

■ 33.9343, 34.5029,
22.6412

■ 36.4188, 37.5562,
29.3752

■ 39.1982, 40.8536,
37.2730

■ 42.2837, 44.4018,
46.3873

■ 45.6859, 48.2071,
56.7674

■ 49.4149, 52.2755,
68.4599

Harmonies

Analogous

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



32.5523, 24.5839, 10.0164



26.6895, 24.5839, 6.1348



20.7794, 24.5839, 5.9955

Triad

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



26.6895, 24.5839, 6.1348



13.9943, 24.5839, 35.2298



32.1083, 24.5839, 57.7486

Complementary

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



26.6895, 24.5839, 6.1348



14.3072, 13.6236, 45.0553

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.



26.1594, 24.5839, 72.3072



26.6895, 24.5839, 6.1348



16.0947, 24.5839, 56.0558

Square

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



26.6895, 24.5839, 6.1348



14.0874, 24.5839, 18.6608



20.3310, 24.5839, 71.5827



36.0225, 24.5839, 36.9365

Rectangle

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



26.6895, 24.5839, 6.1348



17.6217, 24.5839, 7.8286



20.3310, 24.5839, 71.5827



30.2405, 24.5839, 63.8622

Sweetspot

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



26.6901, 24.5851, 6.1353



66.4936, 68.6497, 54.5393



22.3276, 12.7966, 14.1255



14.0990, 14.5081, 11.0317



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



26.6901, 24.5851, 6.1353



45.0226, 39.0430, 6.2713



33.2168, 41.2907, 9.0158



8.8944, 9.3013, 8.9791



16.7305, 13.9595, 1.8127



0.5824, 0.5512, 0.0757

Inverse Universe

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



14.3072, 13.6236, 45.0553



21.4567, 18.2961, 80.6952



11.0990, 6.3393, 43.8184



8.3232, 8.7925, 10.7648



7.5688, 5.9380, 30.8842



0.2963, 0.3032, 0.9911

Previews

White Background



This preview shows how the XYZ color 26.6895, 24.5839, 6.1348 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 26.6895, 24.5839, 6.1348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

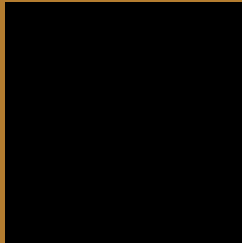
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.6895, 24.5839, 6.1348

Background



This preview shows how black text looks on a background with the XYZ color 26.6895, 24.5839, 6.1348.



This preview shows how white text looks on a background with the XYZ color 26.6895, 24.5839,

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

26.6895, 24.5839, 6.1348

Protanopia

22.4921, 24.8057, 6.7345

Deuteranopia

24.9409, 24.4518, 6.0945



Tritanopia

30.1348, 24.5432, 22.8877

Trichromacy



Original Color

26.6895, 24.5839, 6.1348

Protanomaly

23.8635, 24.6867, 6.5249

Deuteranomaly

25.6878, 24.6422, 6.0919

Tritanomaly

28.4495, 24.3821, 14.7620

Monochromacy



Original Color

26.6895, 24.5839, 6.1348

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.9586, 23.4086, 15.8786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6895, 24.5839, 6.1348 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(180, 125, 48)` looks like.

```
.text, #text, p{  
    color:rgb(180, 125, 48)  
}
```

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(180, 125, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 125, 48) }
```

Border

The CSS property to change the border of an element to XYZ 26.6895, 24.5839, 6.1348 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(180, 125, 48) }
```


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

```
.border{ border-color:rgb(180, 125, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 125, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 125, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 125, 48);  
box-shadow:4px 4px 4px 4px rgb(180, 125,  
48) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6895, 24.5839, 6.1348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 125, 48) }
```

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

```
.background{ background-color: rgb(180,  
125, 48) }
```

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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