

Converting Colors

XYZ(24.5486, 27.0277, 10.6856)

Have a look what the booklet for
XYZ(24.5486, 27.0277, 10.6856)
contains.

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Color

**XYZ(24.6445, 27.1353,
10.7762)**

Conversions

Conversions Part 1

Format	Color
Hex	9B8F4C
RGB	155, 143, 76
RGB Percent	61%, 56%, 30%
CMY	0.3922, 0.4392, 0.7020
CMYK	0.00, 0.08, 0.51, 0.39
HSL	51°, 34%, 45%
HSV	51°, 51%, 61%
XYZ	24.6445, 27.1353, 10.7762
YIQ	138.9500, 28.6590, -18.2930

Conversions

Conversions Part 2

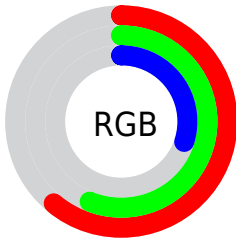
Format	Color
R_{YB}	90, 155, 76
Decimal	10194764
CIE _{Lab}	59.10, -4.87, 36.97
CIE _{LCh}	59, 37.289, 97.505
Yxy	27.1353, 0.3940, 0.4338
Android (android.graphics.Color)	4288384844 (0xFF9B8F4C)
YUV	138.9500, -31.0343, 14.0759
Hunter-Lab	52.0916, -6.7119, 24.1987

Details

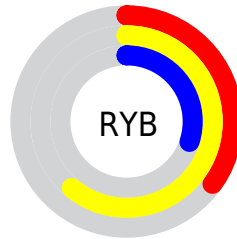
The XYZ color **24.6445, 27.1353, 10.7762** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **12.3865, 10.8821, 32.4577**, and the grayscale version is **24.6299, 25.9126, 28.2188**.

A 20% lighter version of the original color is **50.5961, 55.2877, 27.7436**, and **9.6034, 10.7373, 2.6650** is the 20% darker color. If you saturate the color by 10%, you get **23.8199, 26.2470, 8.1556**, and if you desaturate by 10%, it is **25.6077, 28.0929, 14.0842**.

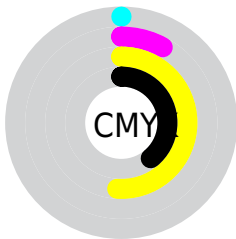
Distribution



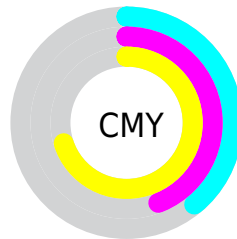
- Red (61%)
- Green (56%)
- Blue (30%)



- Red (35%)
- Yellow (61%)
- Blue (30%)



- Cyan (0%)
- Magenta (8%)
- Yellow (51%)
- Black (39%)



- Cyan (39%)
- Magenta (44%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6445, 27.1353, 10.7762 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 24.6445, 27.1353, 10.7762 by changing the saturation by 10% instead.

■ 24.6445, 27.1353,
10.7762

■ 24.6445, 27.1353,
10.7762

268.4433,
288.3116, 206.8077

■ 15.9397, 17.6749,
5.8043

■ 50.5270, 55.1009,
27.8759

■ 9.5721, 10.7168,
2.6596

■ 68.4354, 74.3749,
40.8407

■ 5.1762, 5.8767,
0.9230

■ 90.1423, 97.6888,
57.3069

■ 2.3869, 2.7703,
0.0000

■ 116.0132,
125.4271, 77.6931

■ 0.8386, 1.0130,
0.0000

■ 146.4134,
157.9741, 102.4177

■ 0.0000, 0.0000,
0.0000

181.7083,

195.7143, 131.8993

222.2631,
239.0320, 166.5564

■ 24.6445, 27.1353,
10.7762

■ 24.6445, 27.1353,
10.7762

■ 23.8199, 26.2470,
8.1556

■ 25.6077, 28.0929,
14.0842

■ 23.1223, 25.4204,
6.1708

■ 26.7161, 29.1195,
18.1229

■ 22.5417, 24.6522,
4.7655

■ 27.9782, 30.2196,
22.9341

■ 22.0653, 23.9373,
3.8729

■ 29.4013, 31.3961,
28.5558

■ 21.6962, 23.3261,
3.3589

■ 30.9922, 32.6519,
35.0236

■ 32.7573, 33.9896,
42.3710

■ 34.7026, 35.4117,
50.6296

■ 36.8338, 36.9205,
59.8295

■ 39.1566, 38.5182,
69.9993

Harmonies

Analogous

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



29.3539, 27.1353, 11.6802



24.6445, 27.1353, 10.7762



20.7364, 27.1353, 13.5698

Triad

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



24.6445, 27.1353, 10.7762



19.3471, 27.1353, 47.9713



34.9337, 27.1353, 40.4276

Complementary

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



24.6445, 27.1353, 10.7762



12.3865, 10.8821, 32.4577

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.



31.6074, 27.1353, 54.7743



24.6445, 27.1353, 10.7762



22.5293, 27.1353, 59.9617

Square

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



24.6445, 27.1353, 10.7762



17.9254, 27.1353, 33.0070



26.9731, 27.1353, 62.7669



35.6756, 27.1353, 26.3353

Rectangle

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



24.6445, 27.1353, 10.7762



18.9804, 27.1353, 17.8447



26.9731, 27.1353, 62.7669



34.0630, 27.1353, 45.4900

Sweetspot

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



24.6452, 27.1366, 10.7768



51.5163, 55.2988, 46.6029



17.9123, 12.8617, 11.0267



11.5476, 12.4232, 10.1031



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



24.6452, 27.1366, 10.7768



42.4945, 46.8190, 14.1118



22.0286, 28.6054, 11.1982



6.6290, 7.0631, 6.6198



17.4488, 18.7799, 2.7052



0.2799, 0.3188, 0.0468

Inverse Universe

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



12.3865, 10.8821, 32.4577



18.0795, 14.4729, 57.3769



14.0184, 10.3800, 32.2748



5.9565, 6.1703, 7.8060



5.0257, 2.4481, 25.1153



0.0921, 0.0704, 0.3811

Previews

White Background



This preview shows how the XYZ color 24.6445, 27.1353, 10.7762 looks on a white background.

Color Contrast Check

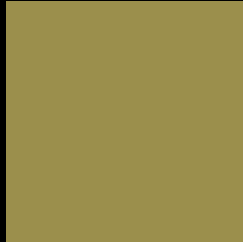
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6445, 27.1353, 10.7762 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 24.6445, 27.1353, 10.7762

Background



This preview shows how black text looks on a background with the XYZ color 24.6445, 27.1353, 10.7762.

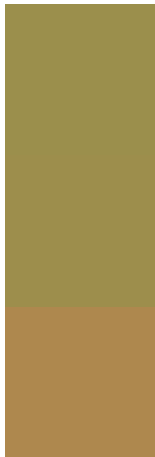


This preview shows how white text looks on a background with the XYZ color 24.6445, 27.1353,

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

24.6445, 27.1353, 10.7762

Protanopia

24.8821, 27.0359, 10.7445

Deuteranopia

27.6349, 27.1570, 10.9930



Tritanopia

28.7526, 27.0847, 30.9066

Trichromacy



Original Color

24.6445, 27.1353, 10.7762

Protanomaly

24.6878, 26.9357, 10.7354

Deuteranomaly

26.5085, 27.2165, 10.8773

Tritanomaly

26.8377, 26.9284, 21.8724

Monochromacy



Original Color

24.6445, 27.1353, 10.7762

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.2075, 26.0369, 20.2727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6445, 27.1353, 10.7762 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(155, 143, 76)` looks like.

```
.text, #text, p{  
    color:rgb(155, 143, 76)  
}
```

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(155, 143, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 143, 76) }
```

Border

The CSS property to change the border of an element to XYZ 24.6445, 27.1353, 10.7762 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(155, 143, 76) }
```


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

```
.border{ border-color:rgb(155, 143, 76) }
```

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

Here you see how a box with a 4 pixel rgb(155, 143, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 143, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 143, 76);  
box-shadow:4px 4px 4px 4px rgb(155, 143,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6445, 27.1353, 10.7762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 143, 76) }
```

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

```
.background{ background-color: rgb(155,  
143, 76) }
```

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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