

Converting Colors

XYZ(20.2069, 26.9008, 6.6546)

Have a look what the booklet for
XYZ(20.2069, 26.9008, 6.6546)
contains.

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Color

**XYZ(20.1444, 26.7583,
6.5858)**

Conversions

Conversions Part 1

Format	Color
Hex	7E972D
RGB	126, 151, 45
RGB Percent	49%, 59%, 18%
CMY	0.5059, 0.4078, 0.8235
CMYK	0.17, 0.00, 0.70, 0.41
HSL	74°, 54%, 38%
HSV	74°, 70%, 59%
XYZ	20.1444, 26.7583, 6.5858
YIQ	131.4410, 19.1260, -38.2660

Conversions

Conversions Part 2

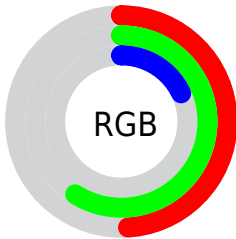
Format	Color
RYB	45, 151, 70
Decimal	8296237
CIELab	58.75, -24.09, 50.37
CIELCh	59, 55.835, 115.558
Yxy	26.7583, 0.3766, 0.5003
Android (android.graphics.Color)	4286486317 (0xFF7E972D)
YUV	131.4410, -42.6154, -4.7718
Hunter-Lab	51.7284, -21.0122, 28.6614

Details

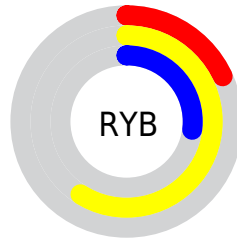
The XYZ color **20.1444, 26.7583, 6.5858** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **9.0512, 5.4140, 29.8477**, and the grayscale version is **21.8751, 23.0143, 25.0626**.

A 20% lighter version of the original color is **43.0450, 54.3495, 19.5310**, and **7.3048, 10.5308, 1.6476** is the 20% darker color. If you saturate the color by 10%, you get **19.3884, 26.3973, 5.2951**, and if you desaturate by 10%, it is **21.0244, 27.1730, 8.4262**.

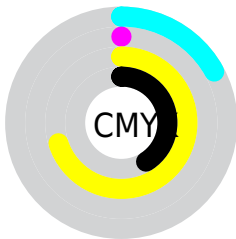
Distribution



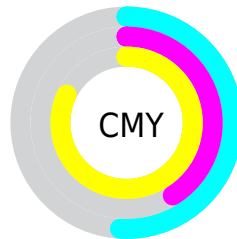
- Red (49%)
- Green (59%)
- Blue (18%)



- Red (18%)
- Yellow (59%)
- Blue (27%)



- Cyan (17%)
- Magenta (0%)
- Yellow (70%)
- Black (41%)



- Cyan (51%)
- Magenta (41%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1444, 26.7583, 6.5858 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 20.1444, 26.7583, 6.5858 by changing the saturation by 10% instead.

■ 20.1444, 26.7583,
6.5858

■ 20.1444, 26.7583,
6.5858

245.5145,
286.4849, 173.6744

■ 12.6089, 17.3918,
3.1300

■ 43.1612, 54.4958,
19.6334

■ 7.2349, 10.5142,
1.1614

■ 59.3733, 73.6355,
30.0623

■ 3.6571, 5.7412,
0.0000

■ 79.2083, 96.8018,
43.6526

■ 1.5100, 2.6884,
0.0000

■ 103.0316,
124.3790, 60.8229

■ 0.3326, 0.9713,
0.0000

■ 131.2085,
156.7515, 81.9917

■ 0.0000, 0.0000,
0.0000

■ 164.1044,

194.3037, 107.5775

202.0846,
237.4201, 137.9989

■ 20.1444, 26.7583,
6.5858

■ 20.1444, 26.7583,
6.5858

■ 19.3884, 26.3973,
5.2951

■ 21.0244, 27.1730,
8.4262

■ 18.7427, 26.0815,
4.4910

■ 22.0366, 27.6419,
10.8674

■ 18.1879, 25.8053,
4.0223

■ 23.1907, 28.1697,
13.9561

■ 24.4949, 28.7597,
17.7343

■ 25.9565, 29.4150,
22.2403

■ 27.5826, 30.1383,
27.5096

■ 29.3795, 30.9323,
33.5754

■ 31.3535, 31.7993,
40.4690

■ 33.5102, 32.7418,
48.2199

Harmonies

Analogous

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



26.4708, 26.7583, 5.3409



20.1444, 26.7583, 6.5858



16.0128, 26.7583, 12.5377

Triad

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



20.1444, 26.7583, 6.5858



18.6639, 26.7583, 72.8512



41.0241, 26.7583, 32.1674

Complementary

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



20.1444, 26.7583, 6.5858



9.0512, 5.4140, 29.8477

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.



37.9699, 26.7583, 56.2279



20.1444, 26.7583, 6.5858



24.4227, 26.7583, 85.5437

Square

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



20.1444, 26.7583, 6.5858



15.2723, 26.7583, 48.7161



31.5745, 26.7583, 78.3884



39.3233, 26.7583, 15.6615

Rectangle

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



20.1444, 26.7583, 6.5858



14.6572, 26.7583, 20.6750



31.5745, 26.7583, 78.3884



40.5063, 26.7583, 39.6363

Sweetspot

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



20.1450, 26.7595, 6.5864



46.1466, 52.5258, 38.7680



15.4107, 11.1167, 3.8165



10.3342, 11.8694, 8.3292



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.



20.1450, 26.7595, 6.5864



34.0631, 46.9518, 8.5926



14.3092, 23.7510, 6.3133



6.5664, 7.1495, 6.6397



15.4980, 21.9654, 3.4229



0.2627, 0.3444, 0.0526

Inverse Universe

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



9.0512, 5.4140, 29.8477



13.0538, 6.3175, 52.9650



14.6556, 8.3032, 30.1100



6.0141, 6.0932, 7.7881



5.3820, 2.2256, 25.0536



0.1087, 0.0478, 0.3759

Previews

White Background



This preview shows how the XYZ color 20.1444, 26.7583, 6.5858 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 20.1444, 26.7583, 6.5858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

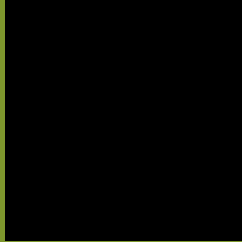
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.1444, 26.7583, 6.5858

Background



This preview shows how black text looks on a background with the XYZ color 20.1444, 26.7583, 6.5858.



This preview shows how white text looks on a background with the XYZ color 20.1444, 26.7583,

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

20.1444, 26.7583, 6.5858

Protanopia

24.0433, 26.4860, 6.0356

Deuteranopia

27.0271, 26.5193, 6.8262



Tritanopia

25.5089, 26.6351, 33.5024

Trichromacy



Original Color

20.1444, 26.7583, 6.5858

Protanomaly

22.4155, 26.5362, 6.2261

Deuteranomaly

24.0330, 26.2470, 6.7052

Tritanomaly

22.7789, 26.4296, 19.5236

Monochromacy



Original Color

20.1444, 26.7583, 6.5858

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.4420, 23.7642, 15.5661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1444, 26.7583, 6.5858 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(126, 151, 45)` looks like.

```
.text, #text, p{  
    color:rgb(126, 151, 45)  
}
```

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(126, 151, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 151, 45) }
```

Border

The CSS property to change the border of an element to XYZ 20.1444, 26.7583, 6.5858 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(126, 151, 45) }
```


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

```
.border{ border-color:rgb(126, 151, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 151, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 151, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 151, 45);  
box-shadow:4px 4px 4px 4px rgb(126, 151,  
45) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1444, 26.7583, 6.5858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 151, 45) }
```

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

```
.background{ background-color: rgb(126,  
151, 45) }
```

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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