

Converting Colors

XYZ(13.4265, 17.4871, 10.2235)

Have a look what the booklet for
XYZ(13.4265, 17.4871, 10.2235)
contains.

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Color

**XYZ(13.3749, 17.4274,
10.2483)**

Conversions

Conversions Part 1

Format	Color
Hex	5F7C50
RGB	95, 124, 80
RGB Percent	37%, 49%, 31%
CMY	0.6275, 0.5137, 0.6863
CMYK	0.23, 0.00, 0.35, 0.51
HSL	100°, 22%, 40%
HSV	100°, 35%, 49%
XYZ	13.3749, 17.4274, 10.2483
YIQ	110.3130, -3.1600, -19.8320

Conversions

Conversions Part 2

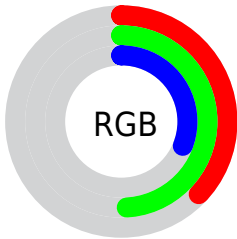
Format	Color
R_{YB}	80, 124, 109
Decimal	6257744
CIE _{Lab}	48.79, -19.22, 20.74
CIE _{LCh}	49, 28.273, 132.820
Yxy	17.4274, 0.3258, 0.4245
Android (android.graphics.Color)	4284447824 (0xFF5F7C50)
YUV	110.3130, -14.9443, -13.4295
Hunter-Lab	41.7461, -15.8667, 14.6671

Details

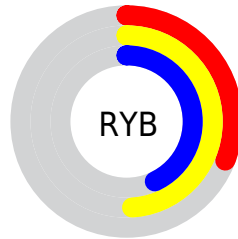
The XYZ color **13.3749, 17.4274, 10.2483** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **12.8143, 10.4443, 20.4103**, and the grayscale version is **14.9536, 15.7324, 17.1326**.

A 20% lighter version of the original color is **31.6055, 39.1670, 27.0133**, and **3.9917, 5.7578, 2.4911** is the 20% darker color. If you saturate the color by 10%, you get **12.1536, 16.8464, 8.0163**, and if you desaturate by 10%, it is **14.7708, 18.0896, 12.9306**.

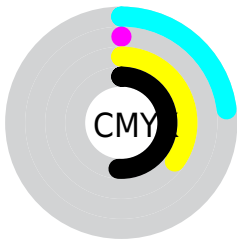
Distribution



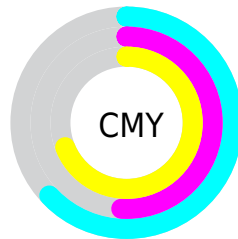
- Red (37%)
- Green (49%)
- Blue (31%)



- Red (31%)
- Yellow (49%)
- Blue (43%)



- Cyan (23%)
- Magenta (0%)
- Yellow (35%)
- Black (51%)



- Cyan (63%)
- Magenta (51%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.3749, 17.4274, 10.2483 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 13.3749, 17.4274, 10.2483 by changing the saturation by 10% instead.

■ 13.3749, 17.4274,
10.2483

■ 13.3749, 17.4274,
10.2483

206.8960,
237.6235, 202.9839

■ 7.7660, 10.5397,
5.4561

■ 31.5713, 39.0592,
26.8766

■ 3.9961, 5.7582,
2.4539

■ 44.8895, 54.5720,
39.5498

■ 1.6999, 2.6986,
0.8156

■ 61.5082, 73.7287,
55.6871

■ 0.4562, 0.9765,
0.0000

■ 81.7926, 96.9136,
75.7070

■ 0.0000, 0.0000,
0.0000

■ 106.1083,
124.5112, 100.0281

134.8205,

156.9057, 129.0690

168.2946,
194.4817, 163.2480

■ 13.3749, 17.4274,
10.2483

■ 13.3749, 17.4274,
10.2483

■ 12.1536, 16.8464,
8.0163

■ 14.7708, 18.0896,
12.9306

■ 11.0981, 16.3412,
6.2089

■ 16.3469, 18.8340,
16.0850

■ 10.2009, 15.9090,
4.7994

■ 18.1102, 19.6640,
19.7330

■ 9.4534, 15.5459,
3.7577

■ 20.0668, 20.5826,
23.8947

■ 8.8456, 15.2477,
3.0491

■ 22.2225, 21.5923,
28.5888

■ 8.3636, 15.0082,
2.6169

■ 24.5831, 22.6956,
33.8332

■ 8.1739, 14.9140,
2.4479

■ 27.1540, 23.8949,
39.6450

■ 29.9402, 25.1926,
46.0406

■ 32.9468, 26.5909,
53.0355

Harmonies

Analogous

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



15.4729, 17.4274, 8.1091



13.3749, 17.4274, 10.2483



12.2080, 17.4274, 15.0301

Triad

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



13.3749, 17.4274, 10.2483



15.1223, 17.4274, 36.3358



21.9694, 17.4274, 15.9550

Complementary

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



13.3749, 17.4274, 10.2483



12.8143, 10.4443, 20.4103

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.



21.8501, 17.4274, 23.5571



13.3749, 17.4274, 10.2483



17.7057, 17.4274, 36.7751

Square

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



13.3749, 17.4274, 10.2483



13.1416, 17.4274, 30.5488



20.2241, 17.4274, 31.6260



20.5348, 17.4274, 10.7710

Rectangle

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



13.3749, 17.4274, 10.2483



12.0307, 17.4274, 19.6930



20.2241, 17.4274, 31.6260



22.1138, 17.4274, 18.2756

Sweetspot

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



13.3753, 17.4282, 10.2487



30.0349, 33.7398, 30.9075



15.1869, 15.7172, 9.8229



6.9954, 7.9094, 7.1179



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



13.3753, 17.4282, 10.2487



21.6825, 29.7856, 14.6335



12.2205, 16.8032, 11.5310



4.0678, 4.5102, 4.2807



8.3065, 15.1594, 2.4883



38.7943, 71.8846, 11.8305

Inverse Universe

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



12.8143, 10.4443, 20.4103



20.5257, 15.4681, 35.4604



14.4160, 11.3167, 18.3786



4.0281, 4.0124, 5.0053



7.2095, 3.2894, 19.6402



33.4518, 15.2070, 93.6419

Previews

White Background



This preview shows how the XYZ color 13.3749, 17.4274, 10.2483 looks on a white 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

Black Background



This preview shows how the XYZ color 13.3749, 17.4274, 10.2483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

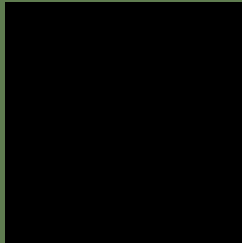
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.3749, 17.4274, 10.2483

Background



This preview shows how black text looks on a background with the XYZ color 13.3749, 17.4274, 10.2483.



This preview shows how white text looks on a background with the XYZ color 13.3749, 17.4274,

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

13.3749, 17.4274, 10.2483

Protanopia

16.0424, 17.3866, 9.5316

Deuteranopia

17.5623, 17.3118, 10.5995



Tritanopia

15.9682, 17.3989, 22.9388

Trichromacy



Original Color

13.3749, 17.4274, 10.2483

Protanomaly

14.9114, 17.3211, 9.7651

Deuteranomaly

15.7944, 17.2376, 10.4774

Tritanomaly

14.8412, 17.2900, 17.5940

Monochromacy



Original Color

13.3749, 17.4274, 10.2483

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.2086, 16.1656, 14.1758

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.3749, 17.4274, 10.2483 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(95, 124, 80)` looks like.

```
.text, #text, p{  
    color:rgb(95, 124, 80)  
}
```

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(95, 124, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 124, 80) }
```

Border

The CSS property to change the border of an element to XYZ 13.3749, 17.4274, 10.2483 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(95, 124, 80) }
```


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

```
.border{ border-color:rgb(95, 124, 80) }
```

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

Here you see how a box with a 4 pixel rgb(95, 124, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 124, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 124, 80);  
box-shadow:4px 4px 4px 4px rgb(95, 124,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 13.3749, 17.4274, 10.2483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 124, 80) }
```

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

```
.background{ background-color: rgb(95, 124,  
80) }
```

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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