

Converting Colors

XYZ(10.1535, 17.5181, 7.5540)

Have a look what the booklet for
XYZ(10.1535, 17.5181, 7.5540)
contains.

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Color

**XYZ(10.1992, 17.6054,
7.5632)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 29853F |
| RGB | 41, 133, 63 |
| RGB Percent | 16%, 52%, 25% |
| CMY | 0.8392, 0.4784, 0.7529 |
| CMYK | 0.69, 0.00, 0.53, 0.48 |
| HSL | 134°, 53%, 34% |
| HSV | 134°, 69%, 52% |
| XYZ | 10.1992, 17.6054, 7.5632 |
| YIQ | 97.5120, -32.3620, -41.2740 |

Conversions

Conversions Part 2

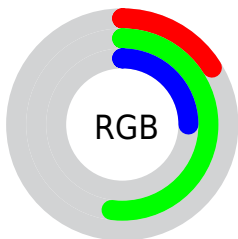
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 41, 115, 133 |
| Decimal | 2721087 |
| CIE _{Lab} | 49.01, -42.63, 29.88 |
| CIE _{LCh} | 49, 52.061, 144.975 |
| Yxy | 17.6054, 0.2884, 0.4978 |
| Android (android.graphics.Color) | 4280911167 (0xFF29853F) |
| YUV | 97.5120, -17.0144, -49.5610 |
| Hunter-Lab | 41.9588, -30.0387, 18.6839 |

Details

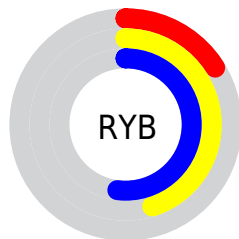
The XYZ color **10.1992, 17.6054, 7.5632** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **13.3356, 7.7205, 15.8269**, and the grayscale version is **11.5353, 12.1361, 13.2162**.

A 20% lighter version of the original color is **25.8405, 39.3631, 21.5651**, and **3.1108, 6.0720, 1.4983** is the 20% darker color. If you saturate the color by 10%, you get **9.4985, 17.2744, 6.1876**, and if you desaturate by 10%, it is **11.1321, 18.0511, 9.2219**.

Distribution



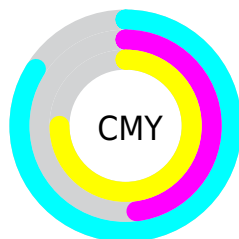
- Red (16%)
- Green (52%)
- Blue (25%)



- Red (16%)
- Yellow (45%)
- Blue (52%)



- Cyan (69%)
- Magenta (0%)
- Yellow (53%)
- Black (48%)





- Cyan (84%)
- Magenta (48%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.1992, 17.6054, 7.5632 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 10.1992, 17.6054, 7.5632 by changing the saturation by 10% instead.


 10.1992, 17.6054,
7.5632


 10.1992, 17.6054,
7.5632


186.1120,
238.6374, 182.0694


 5.5945, 10.6671,
3.7330


 25.8158, 39.3638,
21.6294


 2.6384, 5.8434,
1.4800

 37.5584, 54.9526,
32.7026


 0.9656, 2.7501,
0.2030

 52.4111, 74.1937,
47.0271

 0.0000, 1.0027,
0.0000

 70.7391, 97.4715,
65.0215

 0.0000, 0.0000,
0.0000

 92.9078, 125.1704,
87.1044

 119.2826,

157.6747, 113.6944

150.2289,
195.3689, 145.2099

■ 10.1992, 17.6054,
7.5632

■ 10.1992, 17.6054,
7.5632

■ 9.4985, 17.2744,
6.1876

■ 11.1321, 18.0511,
9.2219

■ 9.0070, 17.0451,
5.0780

■ 12.3148, 18.6187,
11.1772

■ 8.6712, 16.8907,
4.2159

■ 13.7646, 19.3175,
13.4431

■ 8.6460, 16.8790,
4.1549

■ 15.4971, 20.1551,
16.0323

■ 17.5264, 21.1386,
18.9570

■ 19.8658, 22.2747,
22.2285

■ 22.5277, 23.5693,
25.8577

■ 25.5239, 25.0286,
29.8551

■ 28.8655, 26.6578,
34.2306

Harmonies

Analogous

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



13.0965, 17.6054, 3.7206



10.1992, 17.6054, 7.5632



9.0564, 17.6054, 16.9239

Triad

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



10.1992, 17.6054, 7.5632



15.9298, 17.6054, 59.9838



26.6910, 17.6054, 9.9589

Complementary

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



10.1992, 17.6054, 7.5632



13.3356, 7.7205, 15.8269

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.



27.8489, 17.6054, 21.6050



10.1992, 17.6054, 7.5632



20.9881, 17.6054, 55.0047

Square

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



10.1992, 17.6054, 7.5632



11.9313, 17.6054, 50.4149



25.5913, 17.6054, 38.9475



22.6769, 17.6054, 4.5612

Rectangle

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



10.1992, 17.6054, 7.5632



9.2442, 17.6054, 26.9325



25.5913, 17.6054, 38.9475



27.4563, 17.6054, 13.0627

Sweetspot

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



10.1996, 17.6061, 7.5636



30.4991, 37.4238, 32.6854



15.4113, 20.3502, 5.2137



6.6777, 8.3374, 7.0862



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



10.1996, 17.6061, 7.5636



16.4631, 30.6780, 9.8885



12.0342, 18.3399, 17.2243



4.6586, 5.2217, 5.2134



8.2379, 16.0780, 3.9724



0.0310, 0.0567, 0.0268

Inverse Universe

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



13.3356, 7.7205, 15.8269



22.4324, 11.6959, 25.4951



11.4360, 6.9606, 5.8234



4.8115, 4.7443, 5.6199



11.4634, 5.6497, 12.2784



0.0425, 0.0207, 0.0575

Previews

White Background



This preview shows how the XYZ color 10.1992, 17.6054, 7.5632 looks on a white background.

Color Contrast Check

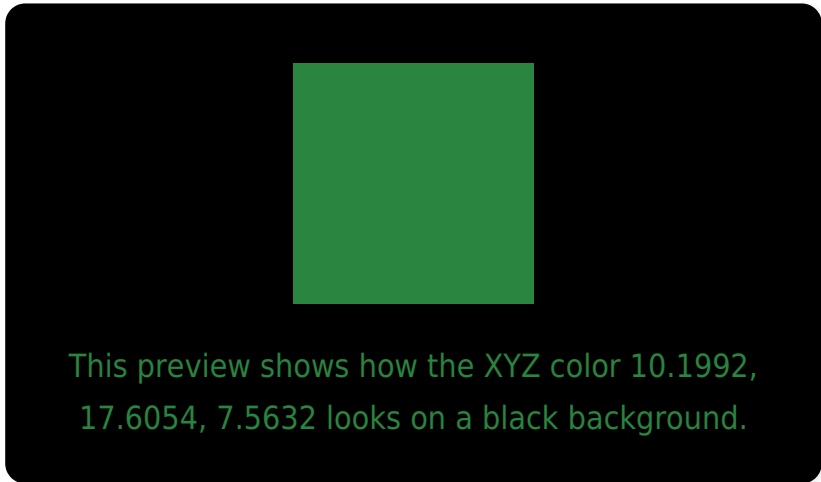
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 10.1992, 17.6054, 7.5632

Background



This preview shows how black text looks on a background with the XYZ color 10.1992, 17.6054, 7.5632.



This preview shows how white text looks on a background with the XYZ color 10.1992, 17.6054,

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

10.1992, 17.6054, 7.5632

Protanopia

15.8860, 17.3754, 6.3874

Deuteranopia

17.6346, 17.2443, 8.0293



Tritanopia

13.8211, 17.5065, 25.5723

Trichromacy



Original Color

10.1992, 17.6054, 7.5632

Protanomaly

12.5728, 16.7216, 6.7026

Deuteranomaly

13.3173, 16.3654, 7.7671

Tritanomaly

12.1104, 17.3832, 17.1850

Monochromacy



Original Color

10.1992, 17.6054, 7.5632

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

10.3847, 13.6025, 10.6725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.1992, 17.6054, 7.5632 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(41, 133, 63)` looks like.

```
.text, #text, p{  
    color:rgb(41, 133, 63)  
}
```

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(41, 133, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 133, 63) }
```

Border

The CSS property to change the border of an element to XYZ 10.1992, 17.6054, 7.5632 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(41, 133, 63) }
```


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

```
.border{ border-color:rgb(41, 133, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 133, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 133, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 133, 63);  
box-shadow:4px 4px 4px 4px rgb(41, 133,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 10.1992, 17.6054, 7.5632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 133, 63) }
```

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

```
.background{ background-color: rgb(41, 133,  
63) }
```

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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