

Converting Colors

XYZ(10.0750, 11.2769, 6.4590)

Have a look what the booklet for
XYZ(10.0750, 11.2769, 6.4590)
contains.

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Color

**XYZ(10.1453, 11.3326,
6.5032)**

Conversions

Conversions Part 1

Format	Color
Hex	626040
RGB	98, 96, 64
RGB Percent	38%, 38%, 25%
CMY	0.6157, 0.6235, 0.7490
CMYK	0.00, 0.02, 0.35, 0.62
HSL	56°, 21%, 32%
HSV	56°, 35%, 38%
XYZ	10.1453, 11.3326, 6.5032
YIQ	92.9500, 11.4640, -9.5280

Conversions

Conversions Part 2

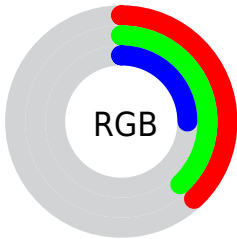
Format	Color
R_{YB}	66, 98, 64
Decimal	6447168
CIE _{Lab}	40.14, -4.78, 18.61
CIE _{LCh}	40, 19.211, 104.411
Yxy	11.3326, 0.3626, 0.4050
Android (android.graphics.Color)	4284637248 (0xFF626040)
YUV	92.9500, -14.2724, 4.4288
Hunter-Lab	33.6639, -5.1173, 12.1111

Details

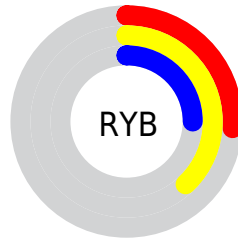
The XYZ color **10.1453, 11.3326, 6.5032** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **6.2672, 5.8681, 12.3576**, and the grayscale version is **10.4234, 10.9663, 11.9423**.

A 20% lighter version of the original color is **25.5979, 28.1172, 19.4072**, and **2.6412, 3.0392, 1.1569** is the 20% darker color. If you saturate the color by 10%, you get **9.8384, 11.1265, 5.1439**, and if you desaturate by 10%, it is **10.5022, 11.5601, 8.1213**.

Distribution



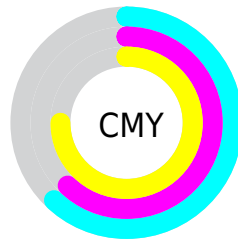
- Red (38%)
- Green (38%)
- Blue (25%)



- Red (26%)
- Yellow (38%)
- Blue (25%)



- Cyan (0%)
- Magenta (2%)
- Yellow (35%)
- Black (62%)



- Cyan (62%)
- Magenta (62%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.1453, 11.3326, 6.5032 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 10.1453, 11.3326, 6.5032 by changing the saturation by 10% instead.

■ 10.1453, 11.3326,
6.5032

■ 10.1453, 11.3326,
6.5032

185.7380,
199.9354, 172.9406

■ 5.5584, 6.2910,
3.0797

■ 25.7156, 28.2736,
19.4621

■ 2.6166, 3.0228,
1.1355

■ 37.4298, 40.9418,
29.8347

■ 0.9544, 1.1437,
0.0000

■ 52.2504, 56.9209,
43.3606

■ 0.0000, 0.0150,
0.0000

■ 70.5429, 76.5955,
60.4585

■ 0.0000, 0.0000,
0.0000

■ 92.6725, 100.3498,
81.5469

■ 119.0047,

128.5683, 107.0444

149.9047,
161.6354, 137.3694

■ 10.1453, 11.3326,
6.5032

■ 10.1453, 11.3326,
6.5032

■ 9.8384, 11.1265,
5.1439

■ 10.5022, 11.5601,
8.1213

■ 9.5781, 10.9392,
4.0293

■ 10.9106, 11.8084,
10.0100

■ 9.3618, 10.7702,
3.1447

■ 11.3731, 12.0790,
12.1814

■ 9.1864, 10.6182,
2.4738

■ 11.8916, 12.3727,
14.6464

■ 9.0485, 10.4817,
1.9982

■ 12.4683, 12.6902,
17.4154

■ 8.9404, 10.3578,
1.6774

■ 13.1050, 13.0323,
20.4985

■ 8.8853, 10.2932,
1.5185

■ 13.8034, 13.3997,
23.9050

■ 14.5654, 13.7932,
27.6441

■ 15.3926, 14.2134,
31.7244

Harmonies

Analogous

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



11.4756, 11.3326, 6.5287



10.1453, 11.3326, 6.5032



9.0738, 11.3326, 7.7996

Triad

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



10.1453, 11.3326, 6.5032



9.0406, 11.3326, 18.2286



13.4363, 11.3326, 14.4210

Complementary

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



10.1453, 11.3326, 6.5032



6.2672, 5.8681, 12.3576

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.



12.6683, 11.3326, 18.3674



10.1453, 11.3326, 6.5032



10.0964, 11.3326, 20.8561

Square

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



10.1453, 11.3326, 6.5032



8.4726, 11.3326, 14.2598



11.4225, 11.3326, 20.9116



13.4522, 11.3326, 10.5994

Rectangle

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



10.1453, 11.3326, 6.5032



8.6191, 11.3326, 9.4300



11.4225, 11.3326, 20.9116



13.2549, 11.3326, 15.7927

Sweetspot

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



10.1456, 11.3331, 6.5034



19.4645, 20.8971, 19.1520



7.8618, 6.6601, 6.0669



4.6086, 4.9565, 4.4680



49.6657, 52.2522, 56.9026



4.8358, 5.0876, 5.5404

Same Dimension

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



10.1456, 11.3331, 6.5034



17.3135, 19.5485, 9.3305



8.8840, 10.9567, 6.4973



2.7512, 2.9457, 2.7677



11.8214, 13.6855, 2.0185



62.9263, 72.6587, 10.7080

Inverse Universe

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



6.2672, 5.8681, 12.3576



9.3442, 8.3204, 21.3635



7.2404, 6.1996, 12.3703



2.4612, 2.5371, 3.2052



3.0073, 1.3174, 15.4835



15.8418, 6.5897, 82.6416

Previews

White Background



This preview shows how the XYZ color 10.1453, 11.3326, 6.5032 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 10.1453, 11.3326, 6.5032 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

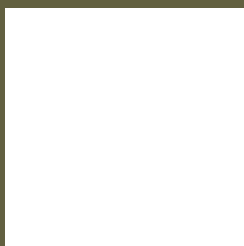
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.1453, 11.3326, 6.5032

Background



This preview shows how black text looks on a background with the XYZ color 10.1453, 11.3326, 6.5032.



This preview shows how white text looks on a background with the XYZ color 10.1453, 11.3326,

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

10.1453, 11.3326, 6.5032

Protanopia

10.5829, 11.4269, 6.3505

Deuteranopia

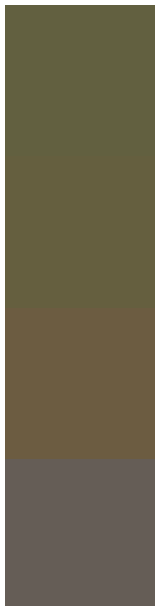
11.4204, 11.2047, 6.5618



Tritanopia

11.5588, 11.3799, 13.3917

Trichromacy



Original Color

10.1453, 11.3326, 6.5032

Protanomaly

10.3562, 11.3100, 6.3398

Deuteranomaly

10.9656, 11.2241, 6.5895

Tritanomaly

10.9609, 11.2673, 10.4012

Monochromacy



Original Color

10.1453, 11.3326, 6.5032

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

10.2450, 11.0475, 9.5751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.1453, 11.3326, 6.5032 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(98, 96, 64) looks like.

```
.text, #text, p{  
    color:rgb(98, 96, 64)  
}
```

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(98, 96, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 96, 64) }
```

Border

The CSS property to change the border of an element to XYZ 10.1453, 11.3326, 6.5032 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(98, 96, 64) }
```


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

```
.border{ border-color:rgb(98, 96, 64) }
```

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

Here you see how a box with a 4 pixel rgb(98, 96, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 96, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 96, 64);  
box-shadow:4px 4px 4px 4px rgb(98, 96, 64)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.1453, 11.3326, 6.5032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 96, 64) }
```

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

```
.background{ background-color: rgb(98, 96,  
64) }
```

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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