

Converting Colors

XYZ(10.1332, 11.3362, 12.2443)

Have a look what the booklet for
XYZ(10.1332, 11.3362, 12.2443)
contains.

XYZ(10.1328, 11.3360, 12.2437)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(10.1328, 11.3360,
12.2437)**

Conversions

Conversions Part 1

Format	Color
Hex	56615E
RGB	86, 97, 94
RGB Percent	34%, 38%, 37%
CMY	0.6627, 0.6196, 0.6314
CMYK	0.11, 0.00, 0.03, 0.62
HSL	164°, 6%, 36%
HSV	164°, 11%, 38%
XYZ	10.1328, 11.3360, 12.2437
YIQ	93.3690, -5.5930, -3.2650

Conversions

Conversions Part 2

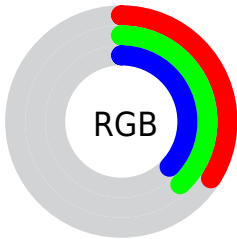
Format	Color
R_{YB}	86, 92, 97
Decimal	5661022
CIE Lab	40.14, -4.90, 0.26
CIE LCh	40, 4.910, 176.962
Yxy	11.3360, 0.3006, 0.3363
Android (android.graphics.Color)	4283851102 (0xFF56615E)
YUV	93.3690, 0.3111, -6.4626
Hunter-Lab	33.6690, -5.2005, 2.0075

Details

The XYZ color **10.1328, 11.3360, 12.2437** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.0611, 9.9184, 10.8358**, and the grayscale version is **10.4913, 11.0376, 12.0200**.

A 20% lighter version of the original color is **25.7773, 28.4277, 30.5140**, and **2.6318, 3.0525, 3.2468** is the 20% darker color. If you saturate the color by 10%, you get **9.1830, 10.8601, 11.5901**, and if you desaturate by 10%, it is **11.2086, 11.8769, 12.9250**.

Distribution



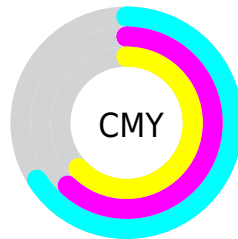
- Red (34%)
- Green (38%)
- Blue (37%)



- Red (34%)
- Yellow (36%)
- Blue (38%)



- Cyan (11%)
- Magenta (0%)
- Yellow (3%)
- Black (62%)



- Cyan (66%)
- Magenta (62%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.1328, 11.3360, 12.2437 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 10.1328, 11.3360, 12.2437 by changing the saturation by 10% instead.

■ 10.1328, 11.3360,
12.2437

■ 10.1328, 11.3360,
12.2437

185.6511,
199.9584, 217.0469

■ 5.5500, 6.2933,
6.7853

■ 25.6924, 28.2798,
30.6092

■ 2.6115, 3.0242,
3.2518

■ 37.3999, 40.9498,
44.3534

■ 0.9518, 1.1444,
1.2246

■ 52.2131, 56.9309,
61.6966

■ 0.0000, 0.0156,
0.0000

■ 70.4973, 76.6076,
83.0574

■ 0.0000, 0.0000,
0.0000

■ 92.6179, 100.3644,
108.8543

118.9401,

128.5855, 139.5058

149.8294,
161.6554, 175.4305

■ 10.1328, 11.3360,
12.2437

■ 10.1328, 11.3360,
12.2437

■ 9.1830, 10.8601,
11.5901

■ 11.2086, 11.8769,
12.9250

■ 8.3532, 10.4454,
10.9629

■ 12.4140, 12.4839,
13.6335

■ 7.6387, 10.0896,
10.3619

■ 13.7538, 13.1597,
14.3700

■ 7.0338, 9.7899,
9.7867

■ 15.2320, 13.9063,
15.1349

■ 6.5324, 9.5431,
9.2368

■ 16.8527, 14.7260,
15.9286

■ 6.1278, 9.3457,
8.7116

■ 18.6197, 15.6205,
16.7513

■ 5.8126, 9.1939,
8.2104

■ 20.5368, 16.5919,
17.6035

■ 5.5770, 9.0828,
7.7328

■ 22.6073, 17.6419,
18.4856

■ 5.3975, 8.9989,
7.3362

■ 24.8348, 18.7724,
19.3979

Harmonies

Analogous

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



10.2340, 11.3360, 11.3470



10.1328, 11.3360, 12.2437



10.2005, 11.3360, 13.2143

Triad

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



10.1328, 11.3360, 12.2437



11.0746, 11.3360, 14.0939



11.1361, 11.3360, 10.8344

Complementary

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



10.1328, 11.3360, 12.2437



10.0611, 9.9184, 10.8358

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.



11.3697, 11.3360, 11.5108



10.1328, 11.3360, 12.2437



11.3337, 11.3360, 13.3956

Square

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



10.1328, 11.3360, 12.2437



10.7398, 11.3360, 14.3152



11.4428, 11.3360, 12.4428



10.8093, 11.3360, 10.5608

Rectangle

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



10.1328, 11.3360, 12.2437



10.3331, 11.3360, 13.7673



11.4428, 11.3360, 12.4428



11.2283, 11.3360, 11.0204

Sweetspot

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



10.1331, 11.3365, 12.2440



18.8742, 20.1875, 21.9465



10.0858, 11.3514, 10.4636



4.6549, 4.9966, 5.4297



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.



10.1331, 11.3365, 12.2440



16.8467, 19.1692, 20.6379



10.0535, 10.9575, 12.8950



2.6129, 2.8839, 3.1218



7.3236, 12.2355, 9.8765



38.7414, 65.2115, 50.7444

Inverse Universe

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



10.0611, 9.9184, 10.8358



16.6931, 16.1421, 17.6323



10.1311, 10.2561, 10.2498



2.5985, 2.6003, 2.8402



6.9498, 3.5548, 1.5895



36.7991, 18.8591, 6.7622

Previews

White Background



This preview shows how the XYZ color 10.1328, 11.3360, 12.2437 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 10.1328, 11.3360, 12.2437 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

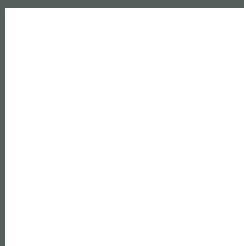
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.1328, 11.3360, 12.2437

Background



This preview shows how black text looks on a background with the XYZ color 10.1328, 11.3360, 12.2437.



This preview shows how white text looks on a background with the XYZ color 10.1328, 11.3360,

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

10.1328, 11.3360, 12.2437

Protanopia

10.8642, 11.3195, 11.7375

Deuteranopia

11.4002, 11.1920, 12.3859



Tritanopia

10.6556, 11.4197, 14.4746

Trichromacy



Original Color

10.1328, 11.3360, 12.2437

Protanomaly

10.5822, 11.3019, 11.9797

Deuteranomaly

10.9097, 11.1963, 12.4126

Tritanomaly

10.4136, 11.3121, 13.6912

Monochromacy



Original Color

10.1328, 11.3360, 12.2437

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

10.1949, 10.9694, 11.9359

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.1328, 11.3360, 12.2437 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(86, 97, 94) looks like.

```
.text, #text, p{  
    color:rgb(86, 97, 94)  
}
```

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(86, 97, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 97, 94) }
```

Border

The CSS property to change the border of an element to XYZ 10.1328, 11.3360, 12.2437 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(86, 97, 94) }
```


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

```
.border{ border-color:rgb(86, 97, 94) }
```

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

Here you see how a box with a 4 pixel rgb(86, 97, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 97, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 97, 94);  
box-shadow:4px 4px 4px 4px rgb(86, 97, 94)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.1328, 11.3360, 12.2437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 97, 94) }
```

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

```
.background{ background-color: rgb(86, 97,  
94) }
```

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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