

Converting Colors

XYZ(11.1261, 20.1443, 6.6917)

Have a look what the booklet for
XYZ(11.1261, 20.1443, 6.6917)
contains.

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Color

**XYZ(11.1926, 20.2770,
6.6921)**

Conversions

Conversions Part 1

Format	Color
Hex	248F35
RGB	36, 143, 53
RGB Percent	14%, 56%, 21%
CMY	0.8588, 0.4392, 0.7921
CMYK	0.75, 0.00, 0.63, 0.44
HSL	130°, 60%, 35%
HSV	130°, 75%, 56%
XYZ	11.1926, 20.2770, 6.6921
YIQ	100.7470, -34.8820, -50.6740

Conversions

Conversions Part 2

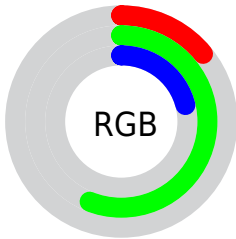
Format	Color
R_{YB}	36, 128, 143
Decimal	2395957
CIE _{Lab}	52.15, -48.67, 38.57
CIE _{LCh}	52, 62.100, 141.603
Yxy	20.2770, 0.2933, 0.5313
Android (android.graphics.Color)	4280586037 (0xFF248F35)
YUV	100.7470, -23.5393, -56.7831
Hunter-Lab	45.0300, -34.4347, 22.7097

Details

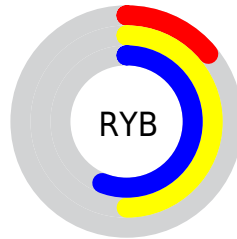
The XYZ color **11.1926, 20.2770, 6.6921** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **15.7250, 8.6080, 20.5716**, and the grayscale version is **12.3700, 13.0142, 14.1725**.

A 20% lighter version of the original color is **27.6793, 43.9641, 19.8590**, and **3.7411, 7.4822, 1.2470** is the 20% darker color. If you saturate the color by 10%, you get **10.5470, 19.9728, 5.3948**, and if you desaturate by 10%, it is **12.1082, 20.7135, 8.3656**.

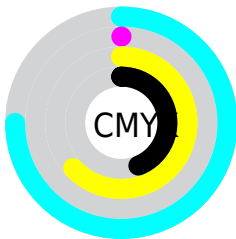
Distribution



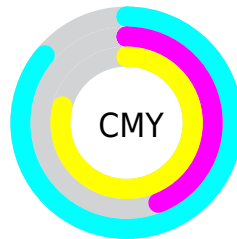
- Red (14%)
- Green (56%)
- Blue (21%)



- Red (14%)
- Yellow (50%)
- Blue (56%)



- Cyan (75%)
- Magenta (0%)
- Yellow (63%)
- Black (44%)





- Cyan (86%)
- Magenta (44%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.1926, 20.2770, 6.6921 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 11.1926, 20.2770, 6.6921 by changing the saturation by 10% instead.


 11.1926, 20.2770,
6.6921


 11.1926, 20.2770,
6.6921


192.8653,
253.4108, 174.6129


 6.2648, 12.5966,
3.1948


 27.6456, 43.8811,
19.8533


 3.0489, 7.1513,
1.1949


 39.9014, 60.5736,
30.3542


 1.1797, 3.5569,
0.0000

 55.3307, 81.0388,
44.0268

 0.0902, 1.4289,
0.0000

 74.2987, 105.6612,
61.2895

 0.0000, 0.2379,
0.0000

 97.1708, 134.8253,
82.5610

 0.0000, 0.0000,
0.0000

 124.3124,

168.9153, 108.2596

156.0888,
208.3156, 138.8041

■ 11.1926, 20.2770,
6.6921

■ 11.1926, 20.2770,
6.6921

■ 10.5470, 19.9728,
5.3948

■ 12.1082, 20.7135,
8.3656

■ 10.1366, 19.7819,
4.4430

■ 13.3181, 21.2926,
10.4400

■ 9.9747, 19.7064,
4.0741

■ 14.8459, 22.0265,
12.9394

■ 16.7121, 22.9252,
15.8856

■ 18.9355, 23.9982,
19.2991

■ 21.5335, 25.2539,
23.1989

■ 24.5225, 26.7004,
27.6030

■ 27.9177, 28.3452,
32.5286

■ 31.7337, 30.1954,
37.9920

Harmonies

Analogous

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



15.1136, 20.2770, 2.9048



11.1926, 20.2770, 6.6921



9.5332, 20.2770, 17.3508

Triad

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



11.1926, 20.2770, 6.6921



17.5423, 20.2770, 77.9716



33.0173, 20.2770, 11.5350

Complementary

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



11.1926, 20.2770, 6.6921



15.7250, 8.6080, 20.5716

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.



34.0700, 20.2770, 27.5946



11.1926, 20.2770, 6.6921



24.1324, 20.2770, 73.2383

Square

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



11.1926, 20.2770, 6.6921



12.6341, 20.2770, 62.4467



30.5272, 20.2770, 51.7387



27.9050, 20.2770, 4.4379

Rectangle

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



11.1926, 20.2770, 6.6921



9.6077, 20.2770, 29.8942



30.5272, 20.2770, 51.7387



33.8967, 20.2770, 15.7592

Sweetspot

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



11.1931, 20.2778, 6.6926



34.9456, 43.4760, 36.1288



18.8866, 24.2814, 5.3605



7.7732, 9.8538, 7.9209



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



11.1931, 20.2778, 6.6926



18.3298, 35.5069, 8.3939



13.1287, 21.0521, 16.8853



5.3757, 6.0425, 5.9441



8.8247, 17.4258, 3.6312



0.0897, 0.1687, 0.0627

Inverse Universe

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



15.7250, 8.6080, 20.5716



26.8167, 13.4324, 34.2217



13.1767, 7.5887, 7.1524



5.5900, 5.4965, 6.6047



13.0346, 6.3709, 16.3656



0.1310, 0.0635, 0.1901

Previews

White Background



This preview shows how the XYZ color 11.1926, 20.2770, 6.6921 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 11.1926, 20.2770, 6.6921 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

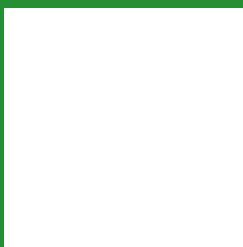
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.1926, 20.2770, 6.6921

Background



This preview shows how black text looks on a background with the XYZ color 11.1926, 20.2770, 6.6921.



This preview shows how white text looks on a background with the XYZ color 11.1926, 20.2770,

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

11.1926, 20.2770, 6.6921

Protanopia

18.2020, 20.0238, 5.5950

Deuteranopia

20.2696, 19.9692, 7.2010



Tritanopia

15.8827, 20.2528, 29.8601

Trichromacy



Original Color

11.1926, 20.2770, 6.6921

Protanomaly

14.0375, 19.2211, 5.8759

Deuteranomaly

14.7835, 18.7992, 6.8524

Tritanomaly

13.4458, 19.8734, 18.4565

Monochromacy



Original Color

11.1926, 20.2770, 6.6921

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

10.9062, 14.7087, 10.6517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1926, 20.2770, 6.6921 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(36, 143, 53)` looks like.

```
.text, #text, p{  
    color:rgb(36, 143, 53)  
}
```

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(36, 143, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 143, 53) }
```

Border

The CSS property to change the border of an element to XYZ 11.1926, 20.2770, 6.6921 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(36, 143, 53) }
```


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

```
.border{ border-color:rgb(36, 143, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 143, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 143, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 143, 53);  
box-shadow:4px 4px 4px 4px rgb(36, 143,  
53) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1926, 20.2770, 6.6921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 143, 53) }
```

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

```
.background{ background-color: rgb(36, 143,  
53) }
```

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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